

# **Tushar D. Gulhane**

(Production/Manufacturing Engineering)



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Working as section head with demonstrated history of working in the Automotive, Plumbing & Home appliances industries. Skilled in Plastic Processing, greenfield projects, M/C installation & Commissioning, Tool Development, vendor Development and Material Handling.

## **CAREER OBJECTIVE**

To **associate** myself with an organization where there is an opportunity to share, contribute and update my knowledge and to become adapt my profession and continuously strive to add value to the organization with my knowledge and skill.

## **SYNOPSIS**

1. BE in Mechanical Engineering from BDCOE, Sewagram, Wardha of Nagpur University in Academic Year 2011-2014 & also Completed Diploma in Mechanical Engineering from Govt. Polytechnic, Arvi in academic Year-2008-11.
2. **Ten years of experience in greenfield project management, Vendor Development, Plastic Processing, Tool Development, M/C procurement and M/C Installation/Commissioning as section head from Novemeber-2014 to Present.**

## **PROFESSIONAL EXPERIENCE**

### **(1) Company Name :- Samsonite south Asia Pvt Ltd. Nashik**

- Company Profile :- Samsonite is the worldwide largest manufacturing Brand of Luggage bags .
- Designation :- Section Head ( Plastics)
- Working area :-Plant Engineering, Plastic Processing ,Vendor Development ,NPD
- Tenure :-June'2023 to Present

### **(2) Company Name :- Voltas Beko Home appliances India Pvt Ltd., Ahmedabad**

- Company Profile :- Voltas Beko Home appliances India Pvt Ltd, a JV between Voltas of Tata Group and Europe's consumer durables brand Arcelik started World class manufacturing facility. Voltas Beko offers technology-driven home and kitchen appliances like refrigerators, washing machines, microwave ovens, & dishwasher machines.
- Designation :- Assistant Manager ( Production Engineering/ME )
- Working area :-Greenfield project, Plastic Processing ,Vendor Development ,NPD
- Tenure :-June'2019 to June'2023 .

### **(3) Company Name :-YAPP Automotive systems Pvt. Ltd. Pune**

- Company Profile :- YAPP Automotive systems Pvt. Ltd. is a supplier to the automotive industry, specialized in fuel systems, in particular plastic fuel tanks and filler pipes. It also involved in Manufacture of parts and accessories for motor vehicles.
- Designation :- Shift Incharge
- Working area :- Molding (Injection And Blow )
- Tenure :-September' 2018 to June'2019

### **(4) Company Name :- Geberit Manufacturing India Pvt. Ltd. Pune**

- Company Profile :- Geberit Manufacturing India Pvt. Ltd. is a Swiss multinational group Specialized in manufacturing Plumbing & **sanitary** parts and related systems.
- Designation :- Process Engineer.
- Working area :- Molding (Injection And Blow )& Extrusion (HDPE)
- Tenure :-July 2017 to September 2018 .

### **(5) Company Name :- Finolex Industries Limited, Pune**

- Company Profile :- Finolex is an ISO certified company Specialist in manufacturing of Agriculture, Plumbing and Sanitation Pipes & Fittings.
- Designation :- Production Engineer.
- Working area :- Molding (injection & blow) & Extrusion (UPVC,CPVC Pipes)
- Tenure :-\_November 2014 to July 2017.

## EDUCATIONAL QUALIFICATION

Qualification	Institute	University/Board	Percentage (%)	Year of Passing
BE (Mechanical)	BDCOE, Sewagram	RTMNU, Nagpur	70.50	2014
Diploma (mechanical)	Govt. Polytechnic, Arvi	MSBTE, Mumbai	83.37	2011
S.S.C	Shriram vidhyalaya Bori	Maharashtra State Board	81.07	2008

## ROLES & RESPONSIBILITY

### Manufacturing/Process Engineering

- Major contribution in setting up Greenfield production plant of home appliances.
- New product Development (RFQ Preparation, Technical Comparison, SOP & Layout Preparation)
- Selection of plastic processing machines ( IMM , Extrusion, thermoforming )
- Procurement of M/C's, M/C installation and Commissioning.
- Auxiliary Equipment's selection for M/C's.
- Capex Planning and Allocation.
- Vendor Development for plastic processes and packaging (EPS, moulding , stamping, etc).
- Check and highlight the manufacturing process constraint for new processes.
- Prepare and set up whole tooling Development Cycle ( i.e. provide concept ,Costing for tool manufacturing ,preparing tool specifications, vendor selection, FMEA, tool manufacturing ,tool approval & Hand over).
- Development of new molds/Tools as per product Design for injection, thermoforming & Metal processes.
- Conduct initial Trails for new molds and finalize the required processes at supplier as well in-house plant.
- Execute modifications with molds/dies as well for new models development.
- Machine selection for Injection, thermoforming, Extruder & plan Installation/Commissioning of same.
- Process set up/cycle time optimization for molds during trials at supplier as well In-house production.
- Handle supplier plastic processing issues and molds issues (Breakdowns & preventive maintenance).
- Development of Trollies & Packaging standard for material handling from supplier to in-house assy line.
- Supplier Development, Process validation, product validation & molds/machine Capacity study.
- Development of Jigs & Fixtures Related with part manufacturing
- Supplier Visit for mold trials, supplier Development and conducting Quality audits.
- Responsible for implementation of appropriate cost control & cost reduction initiatives.
- Assist the overall operation in the plant including troubleshooting, Breakdown & Preventive maintenance.
- Monitoring and coordinating process Design review at development stages.
- Handling process Like Hot plate welding, Ultrasonic welding, Pad printing, Hot stamping, line balancing

### Production

- Manage the daily production of Injection & Blow molding machines, extrusion & thermoforming machine, vacuum conveyor system and production operators to achieve daily goals for quality, and production output with safety.
- Lead continuous improvement projects including scrap reduction, operator efficiency improvement, 5S and documentation, etc.
- To complete production plan by scheduling and assigning manpower.
- Monitor & Set Process Parameter for all machines to optimize production.
- Handle Mold change based on production plan & marketing requirements.
- Fulfilling on time commitment in production and development and maintaining the Quality during the production cycle completing and achieving the targets as per timelines.
- Keeping a record of daily inward and outward stock of Production as well Raw material.
- Quality, Production, and safety improvement with TPM, KAIZEN, 5S, KANBAN Implementation.
- Manpower planning shifts wise and Shop floor management,
- Daily production analysis, Daily scrap analysis & Daily production Entries with SAP.

## KNOWLEDGE PREVIEW

- Project Management, DFM, Lean Manufacturing, Value stream Mapping, Root cause Analysis.
- Work Experience with Auto Cad , UG NX .
- Machine /Equipment selection for material processing, moulding, welding of plastic parts .
- New Molds (Injection /blow moulding , thermoforming ) Design ,Development & tool modification.
- Injection & Blow Mold loading, Unloading and Mold Maintenance, tooling management.
- Knowledge of Molds setting, HRC system, MTC system , material conveying system etc.
- knowledge of injection & Blow Molding, Extrusion , thermoforming machines operation.
- Preparation of machine /mould maintenance plan, Operator work plan as required.
- Utility section which equipment include that Cooling Tower, Air Compressor & Air Dryer, Nitrogen supply, Polyol, Cyclopentene supply for Foaming.
- Mixing Section as Hot mixer, cooler mixer, vibrator, turbo exhauster and blender for resin and additives Processing.
- Experienced in Kaizen, KAN BAN , 7QC tools , TPM ,ISO 9001-2015, ISO45001-2018, ISO 14001-2015
- Knowledge about hydraulic system & Pneumatics.
- Sound Knowledge of various plastic raw material, Plastics properties, applications, and processing.
- New Process /Product Development
- Vendor Development
- Process Validation and Qualification, Process Improvement and audit ,PPAP documentation , cycle time study and layout design .

## MACHINES HANDLED

- **Injection Molding:** (Windsor, Demag, Haitian, Engel, Milacron, Chen Hsong, Yizumi )
- **Robots :** KUKA, Borunte, Hyundai.(6 axis,5 axis)
- **Blow Molding:** (IPM, Battlefield & Kautex)
- **Extrusion:** (Theysohn twin screw (TTS) ,Jwell and Kabra)
- **Plastic Granulator:** (Shini, Prasad Koch Technik)
- **Thermoforming Machine:** Comi , Kingpower

## MATERIAL PROCESSED

- **Injection Molding:** (ABS, PBT, PP, HDPE, Nylon, GPPS, HIPS, LLDPE, PC-ABS, POM, PVC)
- **Blow Molding:** (PVC, HDPE, LLDPE, PP)
- **Extrusion:** (PVC, HDPE, CPVC, HIPS)
- **Thermoforming :** HIPS , ABS

## PERSONAL DETAILS

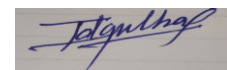
- Fathers Name :- Dilip Sheshraoji Gulhane
- Date of Birth :- 18/10/1992
- Gender :- Male
- Marital Status :- Single
- Nationality :-Indian
- Permanent Address:- At post -Bori, Tal-Chandur (Railway), Dist-Amravati, State-Maharashtra, Pin-444904
- Passport No. :-N8666307

## DECLARATION

I hereby declare that the above information is true to the best of my knowledge and that I completely bear the responsibility for the correctness of the above mentioned particulars.

Date: \_\_\_\_\_

Place :\_\_\_\_\_



(Tushar Diliprao Gulhane)