









Prince C. Pandey

About Me

 7.7+ Years' Experience
 Jun 10th 1995
 Thane

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Dedicated **Manufacturing Engineer** with 7.7 years of experience across multiple industries, specializing in optimizing production processes of **Adhesive, paint and Flooring based and Glass manufacturing** product for maximum efficiency and quality. Seeking to leverage expertise in **process improvement, data analysis, and cross-functional collaboration to drive innovation and enhance manufacturing operations.**

Professional Responsibilities and Affiliations

- Worked as **Sr. Production Executive in Saint Gobain Ind. Ltd. – Weber business who are into Adhesive, liquid/waterproofing, Flooring and Epoxy based product manufacturing** since **Oct 2016 to Jun 21** and Current Organization is **Sterlite Technologies Limited working on Process Associate manager.**
- Worked in **Mission mode operation** to Reduce the Glass optical scrap and Nova compliance improvement.
- Key roles handled as team lead of **Production Capacity improvement from (6 MT to 21 MT) & Glass yield Improvement (86% to 91%), OEE improvement from 60 to 75% of Adhesive Manufacturing line.**
- Received the '**5-time Star Award**' for different improvement project in STL, achieved **high production thrice for Adhesive, Epoxy and Flooring Production and Project award for OEE improvement in SG.**
- Working Experience and Knowledge of different Tools Like **WCM, DMAIC, PDCA, TPM, 5S, Kaizen, PFMEA, Why Why analysis, Poke Yok, HIRA, PFMEA, Change Management, SPC, IMS, OHSAS, ETC.**
- Certified and trained on **Lean Six Sigma Black belt by TUV/ASQ and ISO internal Auditor from DNV**

Career Highlights and Achievements

- OEE Improvement from **65 to 77% in dry Mortar (Adhesive) plant** and FFS machine of Grout Packing from **77 to 85% reducing the changeover time and by using SMED principle.**
- Capacity Increment of **NPD line (Waterproofing, Paint based and Epoxy product) from 5 ton to 60 Ton** per month including commission and selection of ROSS Mixers and Semiautomatic packing Line.
- Production Batch Size increment for **DRY mortar from 1500 MT to 2000 MT** by improving design of Mixing Blade.
- Using RCA tool to reduce the **in-process rejection** and reduction in **Customer Complaint from 12 to 3 %in year 2018**
- OEE Improvement of **Grout Epoxy from 60 to 75% line** by increasing the production Size and Reducing PM cost of material used in WIP stock from **9 bag per batch to 6 Bag per batch which helps to reduce the Plastic wastage.**
- **Glass Defect reduction (Wincubate Project) having 4Cr. per Annum Saving and Customer Complaints – PDCA tool used and Fish bone to get the RCA.**

- **Mission Mode for Glass Yield Improving from 84 to 91%** - Depending upon the CPK of process and by using **Lean six sigma Methodology**, we modified the input variable with precision to reduce the failure



Work Experience

Associate manager - Operations

Sterlite Technology limited : Glass manufacturing

Sep 21 - Present

- Responsible for Overall Production and Process improvement, Day to Day problem solving and led process improvement initiative to enhance the efficiency and reduction of reduce production cost of new Glass products for optical fiber.
- Led SPC studies to verify process capability for CTQ parameters, ensuring consistent product quality like attenuation improvement which saved 50 lacs per annum of cost saving.
- Utilized 7QC tools for comprehensive Rejection and Rework analysis, Root Cause Analysis, and data representation which reduced the customer complaint from 10 to 1% in per month
- Demonstrated expertise in revising critical process documentation, including Process Layouts, PFMEA, Control Plans, SOPs, and check sheets.
- Conceptualized and stabilized the process for bigger size Glass Preform (20% increase in the product size). This resulted in a 4% increase in capturing efficiency at the Deposition level and a 2% increase in uptime at the Fiber Draw level.
- Collaborated closely with cross-functional teams (CFT) to manage change activities and Process Documentations revisions based on Customer complaint, process Change, New development etc.
- Process Continuous improvements for Yield, Implement scrap reduction and reduction on process cycle time and Experience in Six Sigma & CAPA process.
- Analysis of current processes to obtain their optimum performance levels by extracting the data using Oracle DB and analyzing in MS Excel and Minitab.
- As a sub part in Safety – driven several project to reduce the risk on shop floor, PSSR of new machine, MOC for the change, HRA, Work permit system, JSA, GEMBA on shop floor to avoid safety incidents, Near miss reporting and training to manpower.
- Working experience along with cross-functional teams on for ISO 9001:2015, ISO 14001:2015, ISO 45001:2015 & auditee for external audits.

Sr. Production Executive – For Adhesive, Grout and Epoxy Line

Saint Gobain India Pvt Ltd : Weber Business

Oct 16 – Jun 21

- Experience of working with equipment's like Steam Heated Fluidized Bed Reactor, Blenders, Reciprocating Compressors, Dryers, Pludge, Centrifugal filling machine, Ross Mixer for adhesive and liquid line and Shear mixer, Pumps and Heat Exchangers.
- Started working as a Production Executive with a production of Specialty Polymers, Waterproofing chemicals, Adhesives and Epoxy Resin and Hardener with all safety procedures, Ensuring smooth running of the plant.
- Work on Process and utility optimization and improve the performance and Having Knowledge of pumps and Valves.
- Experience of working with SAP software (BOM Preparation, Inventory & production).
- Develop and execute monthly, weekly and daily production plan to achieve targets as per production planning with quality and quantity.
- Manpower management related to production activities and Monitoring and maintaining all process parameters.
- Troubleshooting process and equipment's, debottleneck production problems in plant and Improvement of yield, Utility recovery, Waste reduction line with production.

- Evaluation of critical process parameters, Equipment selection and suggestion for modifications of process feasibility in plant.
- Documents and implement's SOPs for all processes/activities and maintain basic cleanliness and 5S on machines and in work area.
- Experience of working on **WCM** (World Class Manufacturing) Projects, Loss Reduction Model (**LRM**), Industrial and Material Efficiency and Overall Equipment Efficiency (**OEE**) calculations.
- Performance of plants and facilities, preparing daily performance summary & recommending corrective action to deal with abnormalities and Monthly carry out the 5S audit in the given respective area.
- Responsible Quality control and reduction of rejection, Data collection, corrective action and Rejection analysis.
- Preparing monthly PM schedule to assist the staff to make and prepare the all need of machine prior to the Production breakdown and to avoid breakdown.
- Ensured adherence to local and international EHS regulations, 20 STEP audit, Work permit, IATF, IMS and ISO quality standards, OHSAS guideline and Routine training to the team.



Proficiency

- MS office (Word, Power point, Excel)
- Problem Solving tools (Fishbone, Why Why, hypothesis tree diagram).
- Trained on Lean Six sigma Black and green belt methodologies.
- Process Improvement tools (kaizen, 5S, Poka yoke)
- Change Management (ETR, ECR)
- Process Documentation (SOP, WI, PFMEA, CP, HIRA, IMS)



Education

- **Bachelor of Mechanical Engineering** **Graduated, June 2016**
RM CET, Ratnagiri, Mumbai University **7.1 CGPA**
- **HSC from Mumbai University** **Graduated, May 2012**
BNN college of Science and Technology, Bhiwandi **66%**
- **SSC from Maharashtra Board** **Graduated, May 2010**
JJ Gupta Hindi High School, Bhiwandi **83.27%**



Languages

- Marathi (Reading, Writing and Speaking)
- English (Reading, Writing and Speaking)
- Hindi (Reading, Writing and Speaking)



Personal Interests

- Trekking forts and fort conservation
- Reading books on History and Literature
- Listening podcasts



Personal Details

Marital Status : Single

Nationality : Indian

Gender : Male