

Process and Production Engineer

P.SANTHOSH KUMAR

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OBJECTIVE:

To attain a challenging position in MANUFACTURING Industry to make optimum utilization of my knowledge, skills, utilize opportunities effectively for Professional growth, and to contribute in the best possible way for the Betterment of the organization and self.

PROFESSIONAL EXPERIENCE - ROLES & RESPONSIBILITIES:

1. Sterlite Technologies Limited, Aurangabad-Vedanta Group (3 yrs 10 months :1st July 2015-24th May 2019):

Worked as Production and Process Engineer at the world's largest integrated manufacturers of optical fiber cable and data cables. Leading the Process and Production department to ensure daily processes and equipment are installed, maintained, and operated safely & efficiently.

- Responsible for driving **quality indices**, first time right through process and quality improvement programs.
- Recommended and executed quality improvements for **Production and Product Quality**.
- Planned the arrangement of related operations for optimal **efficiency**, in coordination with management, suppliers, related departments, and clients.
- Driving Manufacturing excellence initiative in the function **TPM, TQM, 5S**.
- Responsible for Business objectives delivery of function in terms of **OEE, Quality, Cost and EHS**.
- Responsible for continuously **monitoring** inputs and output trends and control accordingly.
- Making load ready for next shift, Adherence to ensure all **SOP** should follow as per specification and checklist.
- Ensure **preventive actions** to reduce unplanned activities going on in the Machine.
- All the defects occurring in the process are studied, where **data** was extracted from Oracle, and worked on reducing them.
- Implemented **performance ,quality and efficiency** measured to achieve aggressive Business goals.
- Directed improvements in **Safety,Product quality,service and Cost efficiency**.
- Defined **Manufacturing Performance** standards and reviewed the outcomes of performance goals to set future targets.
- Driving **root cause analysis** for the Process deviations and highlight critical issues to plant head on Daily basis
- Investigating and **solving problems** without halting production processes.
- Responsible **for production** in Sintering, Deposition, Glass working, PFC department.
- Executed production operations in **coordination** with the other functions.

- Applying best engineering practices and ensuring **complete safety** for workers as well as machine and equipment
- Production improvements and **Root cause identification** with respect to **Six sigma** lean & kaizen methodology.
- Planning, Reporting of **daily production** work to plant head, Work estimation, and Deployment of workers in the shop floor.
- Handling **end to end Process** Chain works like deposition, Sintering, Rod draw, Assembling, Drawing Operations, etc.
- Developed and maintained **documentation** for entire production and Process activities.
- Developed **Visual SOPs and Troubleshooting** Chart for Critical Process Parameters.
- Implementation of good manufacturing practices and providing **technical support**, educating to team members to achieve the production targets.
- Successfully completed the start-up phase, **installation** works for the new production line.
- Knowledge on Glass **Manufacturing**, Drawing of Optical fiber from Glass.
- Responsible for Optical Parameters (Heart of Optical fiber) and managed workmen for achieving the **periodic Scrap targets**.
- **Scrap reduction** through process improvement plans.
- Coordinator for **maintaining 5s** to work in a safe and clean environment.
- Coordinator for **new product development** and prototype planning.
- Verify and maintain the record of **process parameters** in accordance with the Process sheet
- Prepare & circulate Weekly and Monthly **process performance report**
- Completed and maintained accurate and **organised records, documents and reports**.
- Consistently met time critical Business goals.
- Monitored production defects and trends to eliminate future defects.

CORE COMPETENCIES:

- Strong knowledge and experience of working in the production unit.
- Strong knowledge of 5s, Kaizen, and Six Sigma.
- Paint shop, planning, and SAP.
- Excellent communication, interpersonal, and facilitation skills.
- Remarkable time management and teamwork skills.
- MS Word, MS Excel, oracle and MS PowerPoint.
- Good Oratory Skills and strong work ethics.
- Good thinking ability and have innovative Ideas.
- Willingness to learn and a keen listener.
- Highly motivated team player with good communication and Inter-personal skills
- Fast learner
- Active listening to minute details.

EDUCATION QUALIFICATIONS:

Course	Board /university	Institution	Year	% of Marks
B. tech	Osmania	University College of Technology,	2011-2015	Cgpa – 7.27

(Chemical engineering)	University	Osmania University, Hyderabad		
Intermediate	A.P Board of intermediate education	Narayana junior college,santhoshnagar,Hyderabad	2009-2011	96.5
10th class	Central Board of Secondary Education.	Jawahar navodaya vidyalaya,sirpurkagaznagar Adilabad dist	2008-2009	92.4

ACHIEVEMENTS & KEY PERFORMANCE HIGHLIGHTS:

- Secured 1859 Rank in Gate 2015 in chemical engineering.
- And also secured 2259 Rank in Gate 2016 chemical engineering.
- And also secured 3000 Rank in Gate 2018 chemical engineering.
- Secured All India 1053 rank in National 10th Aptitude test conducted by NIIT.

CERTIFICATES & TRAININGS:

- Completed Six Sigma Green Belt training.
- Attended training on a structured approach to problem-solving.
- Attended various Transformations Workshops conducted by Company.
- Safety and 5s related training.
- Mini Tab software Trained.
- Attended Various training program on Analytical skills.

ACADEMIC ACTIVITIES:

- Student Member in Indian Institute Of Chemical Engineers(IICHE) for 2013-2015.
- Student technical Representative of Technical Fest **TECHNOSMANIA 2K13,2K14** and **2K15**.

EXTRA CURRICULAR ACTIVITES

- Secured merit certificate in exam conducted by bharatiya samskruti gnana parikksha.
- Participate in INDUSTRIAL FIRE AND SAFETY training session Conducted by "**STERLITE TECHNOLOGIES LIMITED**".
- Secured merit certificate in games.
- Secured merit certificate in English elocution.
- Secured merit certificate in drawing.
- Secured All india 1053 rank in national 10th aptitude test conducted by NIIT.

PERSONAL PROFILE:

FATHERS NAME : Late Vijay kumar

MOTHERS NAME : Saritha

GENDER : Male

DOB : 08-08-1992

HOBBIESTS : Reading books, playing cricket, listening to music.

LANGUAGES KNOWN: Telugu, English, and Hindi.

DECLARATION:

I hereby declare that the information provided above is true and correct to the best of my knowledge.

PLACE: Hyderabad

(P. Santhosh)