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Summary

Results-driven Deputy Manager with 17+ years of experience in Production and Operations Management, Specialized in semiconductor manufacturing operations with expertise in Cleanroom environments and contamination control. Adept at implementing Lean Six Sigma methodologies, optimizing processes, and managing manpower to drive cost reduction, efficiency improvements, and quality excellence in high -volume manufacturing settings. Proven ability to lead large teams, develop innovative solutions and drive continuous improvement initiatives while ensuring compliance with GMP and Class-100 cleanroom standards. Hands on experience with particle measuring equipment and cleanroom particle count monitoring, along with international project exposure, enhances my ability to streamline Operations and deliver impactful results.

Academic & Professional Qualifications

MBA in Production & Operations Management

Alagappa University | Karaikudi, TN | May 2023- **CGPA: 7.16**

M.Sc. in Physics

PSG College of Arts and Science, Coimbatore, TN | 2007- **79%**

B. Sc. in Physics

PSG College of Arts and Science, Coimbatore, TN | 2005- **76%**

Core Competencies

- Production and Operation Management
- Cleanroom Management & GMP Contamination Control
- Data Analysis and Decision Making
- Lean Six Sigma Methodologies
- Inventory and Stock Optimization
- Safety & Compliance Management
- Cost Control & Waste Minimization
- Internal Audits & Quality Control
- Process Standardization & Continuous Improvement
- Manpower & Workforce Management
- Leadership and Team Development

Certifications

- Lean Six Sigma Greenbelt- Henry Harvin Education.
- SAP Production Planning (PP) Module- Sap Techno Pad.
- Total Quality Management (TQM) Certification.
- Diploma in Computer Applications- Global Computer Education.

Professional Experience

Deputy Manager-Production & Operations-

March-2023 to Current-HFCL

- Increased Operational efficiency by 15% through Process Streamlining and Lean Improvements.
- Led a team of 40+ members, ensuring 100% adherence to production targets Quality standards.
- Ensured class-100, GMP and Contamination compliance via particle count and environmental monitoring.
- Minimized inventory stockouts 25%, ensuring seamless supply chain operations.
- Optimize production workflows, Increasing overall output by 20%.
- Implemented FMEA and rigorous quality audits, reducing process risk by 15%.

Assistant Manager-Production & Shift Operations

March 2020 to February 2023- HFCL

- Enhanced process efficiency by 25% through Kaizen & Gemba Kaizen initiatives.
- Reduced cycle time by 10%, increasing Production capacity by 15%.
- Minimized machine downtime by 20% using predictive maintenance strategies.
- Conducted monthly inventory audits, leading to a 10% reduction in wastage.
- Applied Gemba Walk techniques to enhance shopfloor management & employee engagement.
- Ensured Proper use of PPE usage and routinely particle for optimal quality air.

Officer-Production & Operations

November 2007 to February 2020- Sterlite Technologies Limited

- Reduced production downtime by 20% through process standardization & preventive maintenance.
- Enhanced product Quality by 10% using 7QC tools & root cause analysis.
- Ensured strict industry compliance by maintaining contamination control particles and monitoring air borne particles.
- Managed daily operations, implementing Lean principles to improve overall shopfloor efficiency.

International experience

Project Commissioning and Installation (Jiangsu Sterlite Tongguang, China.)

- Collaborated with a multinational team in China on Commissioning & Installation, ensuring seamless operations and on-time project delivery.
- Conducted training for local staff, reducing onboarding time by 30%.

Key Projects

- **Graphite Insulation Optimization**- Increased graphite insulation life by 60%, saving ₹1.44 crore annually.
- **Optical Glass Scrap Reduction**: - Reduced optical glass scrap by 15% for HA-13 and HA-15 core rods, improving yield and profitability.
- **Centralized Coating System Deployment**: Implemented centralized coating system, reducing manpower requirements and refilling frequency by 90%.
- **Felt Consumption Streamlining**: Optimized felt consumption, saving ₹8 lakh per month through process enhancements.

Additional Information

Rewards & Recognition

- Team of the month- for Achieved the highest -ever ADY 95.2%.
- Eureka Award for innovative contributions in process improvements.
- Star & Spot performance awards for Process Excellence.

CSR & Extracurricular Activities

- Organized and participated in Blood Donation Camps, contributing to community well-being.
- Active participation company-wide Football, Chess, and Cricket championships.

Language

- Tamil Hindi | English