

Vikas Sharma

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Versatile Professional and Proven Leader with More Than 15 Years of Experience in Bench-marking, Quality Domain, Product development, validation, Vendor development & Warranty management of low voltage circuit breakers & Wiring devices.

PROFESSIONAL SYNOPSIS

- Bench marking of various product EWA (Switch, socket& accessories) & DP (MCB, RCCB, RCBO) with various top brands to cost effective and product durability.
- Parivartan (returns) Executing cost saving techniques / measures and modifications to achieve substantial reduction in expenditures and work within the budget. Value engineering Projects – 2.0 Cr. Saving / annually (INR).
- Customer complaint and warranty management according to Process as well as to new product development with reduction of by 20% in FY 20-21 with saving around 1cr and with Growths in Production order by 10% annually.
- Looking after NPD, validation with Certification (BIS) of Electrical wire accessories WA (Switch, Socket & plug, Fan regulator, etc) & DP (MCB, RCCB, RCBO).
- Knowledge of various BIS certification in Switchgear (MCB, RCCB, RCBO) & EWA (Switch, socket, Fan regulator) and other certifications.
- LAB establishment with BIS certification @ Havells Guwahati -MCB (IS/IEC 60898), Switch (IS 3854), Socket & Plug (IS 1293) in 2017
- @ Finolex Roorkee- MCB(IS/IEC 60898) in 2015 .@ RR Kabel Vadodara -(IS/IEC 60898), Switch (IS 3854), Socket & Plug (IS 1293) in 2023
- Launch New Products with 95% flawless in Electrical wire accessories
- Skilled at using Quality Tools such as Six sigma, 5S, SPC, KAIZEN, PPAP.
- Proficient in the implementation of techniques for improving operational efficiency and achieving cost savings.
- An effective communicator with excellent relationship management skills and strong analytical, problem solving & organizational abilities.

Professional Experience

RR KABEL LTD

Mar'22 -Feb'24

Manager

- Led the New Product Introduction (NPI) process, overseeing future roadmap, new product design, benchmarking, and product specification freeze.
- Managed projects from conception to production, ensuring alignment with government regulations and customer expectations.
- Developed testing standards for a range of products including switches, sockets, modular plates, and wiring accessories.
- Established a seven-stage NPI process, including comprehensive documentation procedures.
- Led the New Product Design & Development team, coordinating with cross-functional teams to ensure alignment and project success.
- Implemented processes for new supplier selection, enhancing supply chain efficiency and reliability.
- Coached and mentored junior team members, identifying and addressing knowledge and skills gaps to improve team performance.
- Implemented an escalation matrix to streamline communication and issue resolution processes.
- Successfully launched 20 new products in the Switchgear and Wiring Devices sector Like MCB , Distribution board, Dooe bells , Switches socket, fan regulators Etc.
- Established and validated laboratory facilities for product testing and certification.
- Utilized Quality Risk Assessment (QRA) methodologies to improve process control and maintain NPD quality.
- Achieved a 20% reduction in process quality rejections through the implementation of quality tools which helps in reduction in customer complaints by 5% as well as 10 % incremental growth in Production order.
- Monitoring supplier performance for incoming, FG related product with regularly time-based schedule audit to ensure that defect free supplies
- Responsible for Quality Assurance of Inhouse Manufacturing and Outsourced Finished Goods
- Strategic Decision Making and Policy Formulation for Horizontal Deployment
- Reduction in Cost of Poor Quality Comprising Internal and External Failures

Tynor Orthotics (P) Ltd. PB India

OCT'21 -Feb'22

Dy Manager

- Reliability & performance analysis for New Product Development likes Ensure risk analysis(DFMEA),testing of components/product, Changes in FG documents and validations done in any change in design(eg-complaint/10X,etc),Introduce right quality inspection machines/tools /gauges/fixtures/jigs etc
- Implementation Product Validation process according to IS /IEC/BP/UCP.
- Customer complaint and warranty management according to Process as well as to new product development.

- Review of BOM related activity like Material usage, Costing and operation activities.
- Review of in process quality check points and parameters (Control Plan) update PFMEA & ensure all process validations done according to check list.
- Study of increase in life cycle of Product with help of Standard and VOC
- Lab establishment, validation & certification Mask, Heating pad & various products.
- Project of improvement in process rejection in heating pad with reduce by 30% rejection level.
- 20% Cost saving project on heating Pad with change of reduction of copper as well as change in plastic material.

Havells India Ltd. HP India

Manager-Quality /R&D-NPD

Asst Manager-R&D

AUG'17-OCT'21

AUG'11-OCT'14

- Reliability & performance analysis for New Product Development for new product development for LV switchgear products & for cost saving & product enhancement.
- Established companywide standards practice for all engineering processes, method & documentation. Created & lead a robust design validation review process.
- Technical support to marketing team & architects related product life cycles and specifications.
- Managed design quality along with testing for Domestic as well as international for many countries like south korea, Thailand, Nepal & European countries. with completed 7+ years projects along with customer service over 3years ..
- Knowledge of standards like IS/IEC 1293, 3854, 60898,17025 11037, 60669,12640-1&2
- Build a highly professional team of 8 in Technical Support to marketing & architects related to product life cycle, specifications etc.
- Ensuring PPAP activities at co-makers,8D APQP, PFMEA, SPC.
- Conduct trials, identifying deviations in process & making relevant modifications to stabilise the product.
- Completion of CAPA on various customer calls (related to quality), product requirements.
- Implemented Quality initiatives & attitude changing tools like 5S, KAIZEN, DWM, SPC,7QC TOOLS
- Reduction in Cost of Poor Quality Comprising Internal and External Failures by 20% by customer quality problem solving & concern management handling activity for customer.
- Parivartan (returns) Executing cost saving techniques / measures and modifications to achieve substantial reduction in expenditures and work within the budget.
- Provide direct leadership to department staff by leading, managing, supporting & coaching members ensuring continual developments of competencies.
- Responsible for Quality Assurance of Inhouse Manufacturing and Outsourced Finished Goods
- New Products Development from Indian and Chinese Sources.
- Reduction in Cost of Poor Quality Comprising Internal and External Failures.

Finolex Cables Ltd. UK India

Deputy Manager-Quality

OCT'14- AUG'17

- Familiar with IS/ IEC 60898, IS 12640-1& 2/IEC 61008 (MCB, RCCB.) standard testing procedure with various statutory bodies BIS , NABL , IEC etc. and also other product test specification released by product development .
- Be responsible for advanced quality planning, activates for new product offer, quality road map implementation & improvement,& plant operation team to develop, introduce & monitor the production quality management process to meet the over all quality requirement from customer perspectives.
- Provide direct leadership to department staff by leading, managing, supporting & coaching members ensuring continual developments of competencies.
- Be responsible for customer quality problem solving & concern management handling activity for customer.
- Plan & execute product accelerated life testing. Based on test results, perform risk analysis to make design change, increase reliability, reduce product life cycle cost & ultimately drive customer satisfaction.
- Responsibilities of customer audit, third party audit, internal audit & management review.
- Responsible for Giving Training to fresher's for Product & its Technology to develop employee capability in the area of technical knowledge and create a culture of continuous learning in order to support present requirement and future changes.
- To establish a sound working environment to all workers, according to the quality environment- as well as health & safety policies within the company. Responsible for new product inspection, quality standard building & new process quality evaluation.
- Ensuring compliance with ISO 9001: 2008, ISI, along with maintaining relevant documents.
- Documentation & correspondence with BIS regarding testing & license for Standard Marking on product.
- Assessing training needs, designing program content and preparing training programme calendar.
- Drive the process control compliance in addition to manage external and internal audit requirement
- Undertaking responsibilities of removing unnecessary procedure in processes, ensuring uniformity in the process and monitoring the end results.

- Evaluating periodically vendor performance in terms of quality, delivery and service and seeking corrective measures in improving the quality of raw materials.
- Responsible for Quality Assurance of Inhouse Manufacturing and Outsourced Finished Goods
- New Products Development from Indian and Chinese Sources.
- Reduction in Cost of Poor Quality Comprising Internal and External Failures.

CHANDRA INDUSTRIES H.P. India

Asst, Manager

Feb.'11-Aug'11

- Responsible for generating new strategies and plans for improving quality of the product.
- Arranging, repairing and maintaining tools.
- Designed process flow chart for different section which will help the workers during assembly.
- Troubleshooting and solving technical problems.
- Ensured proper housekeeping and coordinating with workers.
- Simultaneously working towards productivity and quality improvement through kaizen activities
- Preserving discipline according to safety rules.
- Utilization of man power accurately.
- Preparing the monthly defective report and analysis.
- Check and updates all activity report for generating the DPR.
- Development of operator through multi skill.
- Preparing management information report to ensure progress in the department.

JSK International H.P India

Electrical Engineer

Aug.'09 –Feb.'11

- Familiar with IS 3854, IS 1293 (SWITCHES & SOCKET PLUG) standard testing procedure
- Maintaining various records related to product testing and ensure strict compliance
- Documentation & correspondence with BIS regarding testing & license for Standard Marking on product
- Ensured proper housekeeping and coordinating with workers. Preserving discipline according to safety rules.
- Implementation of safety audits, 5'S., organizing quality circles in department.
- Encouraging activities for new product development.
- Examine the needs for training and provide on the job training to departmental personnel.
- Documentation & correspondence with IS Standards and all Laboratory Testing.

Skills

- Proficient in MS office 365, Power point &Excel
- Certified Six sigma- Green belt
- Supplier performance -Monthly MIS include Supplier Audits & Rating, Zero defect policy.
- Problem solving tool -8D , FMEA ,PDCA & SPC.
- Testing and Validation. Product LV & Electrical Wiring accessories
- Warranty Management - Projection For Coming Years with Analysis, Counter Measure Implementation And Failure Reduction
- Technical and System Trainings For Suppliers, Dealers and Internal Officers.

Education

P.G. Dip in Electrical Safety and Safety Management Annamalai University (2010-2011).

M.E. in Electronics Product Design & Technology (E.P.D.T) from PEC University of Technology, Chandigarh.

B-Tech in Electrical Engineering from Punjab Technical University, Punjab.

Senior Secondary from Central Board of Secondary Education (C.B.S.E) from D.A.V College, sector-10, Chandigarh.