**JASWANT SINGH WALIA**

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Enterprising leader & planner with **over 25 years** of experience in streamlining operations, heightening productivity and improving systems & procedures; targeting senior level assignments in **New Product Development and Operations Management** with an organisation of high repute in **Automotive** industry

**Profile Summary**

* **Currently leading entire factory operations of World Wide Product Pvt. Ltd. as G.M. Operations**, establishing processes & SOPs, streamlining workflow, and creating positive work environment to enhance productivity.
* **Managed entire product design & development activities** including conducting requirement analysis, finalizing design specifications, planning prototypes & tests, getting approval and making necessary modifications in the design.
* **Steered the successful roll-out of projects such as manufacturing of bicycle / auto components** with defining scope, setting timelines, analysing requirements, prioritising tasks, and identifying dependencies as per norms.
* **Led end-to-end Electric Bike Projects** right from initial stage to pilot batch run and up to production run for Hero Cycles.
* **Visited China** for Bicycle & Electric Bike Expo for 8 days.
* Ensured that all **developed products (PCB Drills / Router) have represented the maximum quality & reliability** attainable by establishing effective quality control inspections, tests & corrective procedures.
* Worked on design tools such as **AutoCAD, Pro-E (Creo), Solid edge and SAP.**
* **Directed cross-functional teams** using interactive & motivational leadership.

**Core Competencies**

***Operations Management Product Design & Development Project Management***

***Machine Design / Tool Room Purchase/Vendor Development Continual Process Improvement***

***Quality Assurance / Inspection Research & Development Resource Management***

**Organizational Experience**

**Since Jul’19 with World Wide Product Pvt. Ltd., Mandi Gobindgarh-Punjab, Furniture Parts Manufacturing Company as G.M. Operations**

**Key Result Areas:**

* Spearheading entire factory operations; planning & executing factory operations related to manufacturing of Furniture components involving Raw Material Planning, procurement, manufacturing(sheet metal components, PDC components, Plastic Moulding, CNC machining, Headers components, MIG/TIG welding manual and on **Robots**, **Powder Coating(2-units)**, Chrome plating, Zinc Plating etc) vendor management & manpower planning.
* Successfully redesigned Powder Coating conveyor with inhouse Tool Room and Design team within targeted time slot.
* Implementing Kaizen activities in plant.
* Monitoring daily sales/ production targets.
* Implementing cost saving measures to achieve reduction in terms of man-hrs & cost
* New Product design and development.
* Managing a well set Tool Room, all Tools and Dies, Fixtures etc.

**Highlights:**

* Played a major role in Process improvement by implementing Kaizen Techniques.
* **Reducing rejection rate of the product** by addressing quality related issues from day-to-day supplies
* **Modified Machines, Fixtures and Tools to minimize setting time and in-process rejections lead to achieve big savings and repeatability with lower rejection rate in manufacturing.**

**Jul’15-Jul’19 with New Swan , Auto Components and Bicycle Components Manufacturing Company**

**(New Swan Group) as Unit Head**

**Key Result Areas:**

* Led all factory operations; planning & executing project operations related to manufacturing of Auto components involving finalization of technical specifications, procurement, vendor management & manpower planning
* Implementing cost saving measures to achieve reduction in terms of man-days & cost
* Ensuring the meeting of daily sales targets for different OEMs
* Monitoring daily production activities including purchase, maintenance, QC, accounts & dispatch, interfacing with Purchase & Sales Dept., ensuring increase/decrease of item-wise rates in line with periodic RM, facilitating manufacturing & design changes, and utilizing manpower
* Reviewing market orders with respect to product/items manufacturing
* Administering the procurement of components from different suppliers to meet daily production plan
* Developing new components right from initial sampling stage to final production level and development from new vendors
* Steering inspection and components design verification at supplier’s end

**Highlights:**

* Played a major role in **reducing rejection rate of the product** by addressing quality related issues from day-to-day supplies
* Implemented operational techniques & cost saving techniques to achieve **substantial reduction in project expenditure & cycle time** through identification of improvement opportunities
* Gained knowledge of setting up **Robotic Weld Line**
* **Ensured complete in-process quality control & continuous improvement in manufacturing**, foreseeing performance bottlenecks, and taking corrective measures to avoid the same
* **Cost savings through** **Kaizen techniques**
* Reduced wastages, cost of components by improving the mounting ratio through extensive improvement in manufacturing

**Mar’13-Jul’15 with Shivalik Safety Care Products Pvt. Ltd., Nalagarh as Design & Development Head**

**(Industrial Blades)**

**Key Result Areas:**

* Directed new projects right from initial prototype to pilot batch run and up to production line setup.
* Led development of **injection moulding** components, moulds from vendors, machines, machine parts and press tools
* Designed & developed new product (kitchen knife, paper cutters, sharpener, midi cutter etc) right from initial sample requirement to development of new vendors (CTR for tools & dies, moulds, and child component drgs.)
* Worked on different projects such as development of **sheet metal** components and moulding components (industrial cutters)
* Monitored all types of drawings for components, assemblies, machines and its engineering changes
* Developed subordinates for outsourcing m/c parts, tools, job works, and so on
* Identified the scope for planning, implementing & monitoring of changes to enhance efficiency, process flow, working practices, consumables, and so on for controlling and reducing the cost per unit produced

**Highlights**

* Successful in attaining a significant **reduction on material cost by 5%**
* **Acquired pre-launch approval for products from the customer**, this was significant as it included a large number of activities including detailed discussions with customers on important topics like test specification, installation drawings, field trials, product release, and so on
* Played a key role in reflow cycle time reduction by 2hours by decreasing interval between products as well as reducing loading time by 1 hours/day

**Nov.2010-Mar.2013 Hero Cycles Ltd., Ludhiana** as **AGM-R&D/Vendor Dev.** (Bicycle Mfg. Industry).

**Key Result Areas:**

* Worked on new Projects from initial prototype to pilot batch run and up to Production level.
* Development of new products from in-house / vendors.
* **Monitored all the activities of project, its initial indent in SAP, tooling, in-process drawings, work instructions, Quality Plans, receiving of material in different store locations with verification of design parameters, trials of tooling and drawing changes if required, interaction with shop floor process owners of timely flow of developments, assembly/sub-assemblies, packing and dispatch.**
* Worked on new project work in **SAP** system (BOM, Indent, Stock status, Item wise reports, New Item Code Creation, time to time changes etc.)
* Inspection of new components as per design by visiting suppliers.
* Handled **E-Bike Project** from initial prototype to Road Trials to ARAI Vehicle Testing Approval to artwork to final Production run including initial BOM in Excel format with complete description of components and its assemblies and then final BOM in SAP. Different types of reports in MS Excess like component wise, model wise or assembly wise and reports required for costing department.
* Worked on export projects, handled all the activities development, procurement, production, assembly and packing as required for European market.

**Jan’2008-Nov’2010 with Hi-Bird Cycles Ltd., Ludhiana** as **AGM-Design & Development / Tool Room** (Bicycle Mfg. Industry).

**Key Result Areas:**

* Led **Design/Development and Tool Room**.
* Handled all the Product design, artwork design, BOM, ECN, implementation of engineering changes, Tool & Die Design, Fixture Design, fabrication and procurement from in-house / vendors.
* Design & Development of new projects on Domestic and Exports bicycles (Swiss Classic Bicycles, Delivery bikes etc.)
* Imported items Stock updating and issue of special imported items.
* **Successfully Developed Bending & Mitring Tools & Dies, Pipe Bending and Mitring machines(Manual/Hydraulic), Welding Fixtures, special tooling for Export Bicycles & Bicycle components**.
* **Maintenance of welding Fixtures, Machines & Tool/Dies**.
* Continual improvement in-production processes (MIG Welding/Brazing Frame & Fork/Mudguard sections)
* QA – Final Inspection of products.

**Highlights:**

* VISITED and attended CYCLE & ELECTRIC BIKE EXPO China.
* Productivity improvement by improving material handling system, machine/components modifications.
* Cost cutting by design modifications and continual improvements.

**Apr’2006-Jan’2008 with Hero Cycles Ltd., Ludhiana as Manager-Projects (R&D)**

**Highlights:**

* Worked on **Electric-Bike Project** from initial stage, Road Trials, ARIA approval of six Electric Bikes, pilot batch run and up to production run.
* BOM in excel and SAP, MS excess reports.
* Handled **Product Development** of export and domestic Bicycle Models.
* Handled Prototypes of new design of all segment models.
* Verification of Tools with respect to approved design in coordination with Tool Room and Production.
* Vendor development work from initial samples to final supplies.
* Design, development and procurement from in-house / vendors.
* Monitored SKD assembly of new products and then its transfer to CKD packing, all SAP work and monitoring.
* Worked on new project work in SAP system.
* ISO documentation

**Oct’00-Apr’06 with Ind-Sphinx Precision Ltd., Parwanoo as Sr. Engineer-Production**

**(Manufacturing of Solid Tungsten Carbide Cutting Tools for PCB Industry, Watch Industry and Glass Industry)**

**Highlights:**

* Control of complete Production department, productivity improvements through SPC with regular Quality Circle activities, independent manpower control, yearly appraisals, calibration and maintenance of instruments, implementation of SOP etc.
* Attended special training from supplier on CNC Final Packing and Ring Setting Machine (Programming, Setting & Maintenance)
* Controlled rejection through successful modifications in CNC machines & its components in running production
* Appreciated by management for improving productivity by inspection methods enhancement and layout modification

**Nov’94-Sep’00 with Akal Spring Ltd (G.S. Group), Ludhiana, as Engineer (R&D)**

Auto Parts Manufacturing Industry, **Leaf Springs** for OEM (TELCO, MARUTI, M&M, DEFENCE, ASHOK LEYLAND, Scooter India etc.), Export and replacement market.

**Highlight:**

* Led the new product development for **OEMs (Telco, Maruti, M&M, Ashok Leyland, Defence** and so on), Export, and Replacement Market.
* **Heat Treatment, Hardness Testing, Load Testing & Fatigue Testing of Leaf Springs and all types of in process inspection, lot acceptance and final inspection of samples.**
* Calibration of Machines (Load Testing m/c, Hardness Testing m/c, Measuring Instruments etc).
* ISO & QS 9000 system implementations (R&D Dept)
* Vendor Development.
* Receiving and updating of all types of customer drawings (OEM’s), IS & ISO standards.

**Education**

* **B.E. (Production Engineering)**

From Dr. Babasaheb Ambedkar Marathwara University in 1994

**Technical Skills**

* **SAP, AutoCAD, Pro-E (Creo), and SolidEdge**

**Personnel Details**

Date of Birth: 6th June 1971

Languages Known: English, Punjabi and Hindi

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