SALVADOR SANCHEZ

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OBJECTIVE

Highly skilled mechanical engineer and problem solver with a demonstrated track record of improving equipment performance and reliability, refining processes and building organizational capability (both locally and regionally) is seeking a new engineering opportunity where I will be able to apply my formidable skills in achieving the same level of success that I have in my current role; where my inputs, teaming skills and leadership played an instrumental role in elevating my current plant from the worst plant in a network of twelve plants in 2015 to the company's "Plant of The Year" in 2018 and to-date in 2019.

CORE STRENGTHS

- Mechanical Engineering, Manufacturing Best Practices
- Data Analysis, Continuous Improvement
- Computer-Aided Design (CAD)
- Troubleshooting & Root Cause Analysis (RCA)
- Lean Manufacturing / Six Sigma
- Training, Mentoring and Coaching
- Overall Equipment Effectiveness (OEE) Improvement
- Single Minute Exchange of Die (SMED) Implementation
- Inventory Systems Management
- Electromechanical Systems Design and Modification
- Standardized Work Process Flow Specialist

SPECIAL SKILLS & ACHIEVEMENTS

- South Florida Manufacturers Association (SFMA) Outstanding Performance Award Winner for 2018
- Computer-Aided Design (CAD) expert (Solidworks®, Autodesk Inventor® and AutoCAD®)
- Lean Six Sigma & Six Sigma Green Belt certified
- OSHA-10 Safety Certified
- Bilingual (English / Spanish)

PROFESSIONAL EXPERIENCE (MOST RECENT)

The Nature's Bounty Co.
Process/Equipment Improvement Engineer & Supervisor
June 2016 - Present

- Worked directly with equipment OEMs and component vendors to develop improved component standards designed to ensure products will run smoothly on plant packaging equipment—implementation of new standards resulted in an immediate 5% increase in plant OEE, cost saving of >$500K annually for the plant and a company-wide simplification initiative with forecasted cost savings of over $10MM
- Developed in-house reverse engineering design process and collaborated with local CNC machine shop to produce complex parts for older/obsolete equipment (with very limited availability) and for newer equipment with high-cost/long lead time parts—CAD files produced allowed machining partner to manufacture parts quickly and cost effectively, greatly improving equipment uptimes and significantly lowering spare parts costs for the plant
- Redesigned Merrill Slat filler pill ejection system to improve performance of fill process, resulting in 95% improvement in first time fill rates, the virtual elimination of production line reworks due to short fills and a dramatic 40% reduction in retail customer complaints due to "short-counts" from FY2017 to FY2018
- Developed a detailed design standards for corporate Packaging Engineering department to design Individual Folding Cartons (IFC) to maximize the efficiency of automated cartoning equipment company wide and served as Subject Matter Expert (SME) for the Quality Assurance, Production, Maintenance, Procurement & Packaging Engineering departments for all component-related issues
- Worked with plant maintenance manager and team to redesign plant maintenance shop to improve process flow and increase in-house custom parts machining capability, to include improved utilization of full-size metal turning equipment (lathe, CNC mill, etc.)—changes facilitated team's ability to support major packaging line efficiency modifications that "set the table" for the plant to achieve record setting plant throughput and OEE levels
- Collaborated with Maintenance and Quality teams to develop, test and implement a standardized Induction Sealer Setup Process that essentially eliminated failed quality seal reworks that had plagued the plant for years—process

fast-tracked across other packaging sites and within six months resulted in failed seals going from the company's #1 customer complaint to such a low percentage (<1%) that the issue no longer requires 1st level reporting

- Saved $80K in tooling costs for new NJM Beltorque® capping machines by analyzing and identifying component standardization opportunities within existing tooling designs—findings shared with fellow packaging sites that utilize the same equipment to ensure similar savings are captured across the company
- Performed regular training sessions for maintenance department technicians and operations department set-up mechanics to review Root Cause Analysis (RCA) findings of significant downtime events, to share inputs on manufacturing & maintenance best practices and to get teams' collective input on potential improvement opportunities within the plant

Conver-Pack Inc.
Plant Maintenance Engineer/Coordinator/Supervisor
Apr 2014 – Apr 2016

- Implemented comprehensive equipment/process continuous improvement program that was instrumental in increasing plant Master Schedule Attainment (MSA) from 45% to 95% by focusing on completing overdue repairs and redesigning key machine components & support systems for improved long-term reliability and supportability
- Designed and implemented systems-based inventory management system to precisely manage site's expansive spares inventory, allowing techs to quickly return machines to service and procurement to promptly and accurately replenish critical supplies while reducing costs via the elimination of parts-related downtime and errant spending
- Initiated an equipment downtime (DT) log to record DT events as a precursor to implementing a full Computerized Maintenance Management System (CMMS) for the plant—log was quickly adopted as a major plant KPI and was used to proactively analyze and determine appropriate Corrective and Preventive Actions (CAPAs) for the facility
- Introduced a comprehensive work order system based on ISO 14224 to document repairs and collect accurate reliability data for future CMMS implementation and to drive improved Root Cause Analysis (RCA) process—utilization of data in concert with RCA process reduced repeat DT events by 60%
- Using the aforementioned, implemented a full CMMS (Manager Plus) and generated all the standardized procedures, work instructions, process routings and workflows to standardize the work performed by plant technicians and to facilitate routine preventative maintenance process in replacing previous highly-reactive model
- Developed new & improved production floor layout and installed new equipment with a focus on improving safety, material flows and overall working conditions in the plant—improved layout also reduced temperature related equipment failures and was applauded by entire plant workforce as a significant Quality of Life improvement
- Created and managed on-site critical parts fabrication facility that significantly improved equipment uptimes by producing parts that surpassed Original Equipment Manufacturers (OEM) quality standards and lead times, all at significantly lower costs to the plant

EDUCATION

- Bachelor of Mechanical Engineering (BE) - 2004

ADDITIONAL INFORMATION

(includes Previous Professional Experiences)

- Corporacion Diamante CA
  Operations Manager
  May 2008 – Sep 2013
- Maggie Paul CA
  Maintenance Supervisor
  Jan 2004 – Apr 2008
- Portfolio: www.salvadoresp.weebly.com
- CrossFit practitioner