**Lawrence Hippert**

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***Summary***

Results oriented, focused Maintenance Management/Engineering professional with experience building well trained and highly skilled organizations. Focused on increasing equipment availability, and reliability. History of installing capital improvements on-time and within budgets. Background includes developing highly automated processes and procedures, and mentoring engineers and technicians. Specific expertise in problem solving and implementing the latest technology. Committed to improving profitability and improving service.

***Employment History***

**Facilities Area Manager April 2017 – Present**

***Elite Line Services* Romeoville, IL**

* Contract Maintenance services to Amazon Fulfillment Center.
* Managed a department of 19 maintenance people for a facility running 24 hours, 7 days a week.
* Developed the maintenance team into a functioning group after it was put into disarray due to multiple management changes.
* Developed Predictive Maintenance routes using Ultrasonic, Infrared, and Strobe technologies.

**Maintenance Manager March 2016 – February 2017**

***Valspar* Kankakee, IL**

* Managed a department of 12 mechanics and a Planner/Scheduler.
* Ensure regulatory requirements were met for a PSM compliant plant.
* Ensure tanks and piping is tested for Mechanical Integrity.
* Rebuilt a department that lost the most experienced mechanics due to retirement or pursued an opportunity at a company that expanded and offered a significantly higher pay rate.
* Hired and developed new mechanics in a union plant.
* Replaced vendors that were not performing to the plants higher safety standards.
* Began a vibration analysis program for critical equipment.

**Maintenance Manager August 2014 - February 2016**

***Gabby’s Bagels* Franklin Park, IL**

* Managed a department of 8 mechanics, 2 supervisors, and a parts manager.
* Improved equipment performance and reliability by approximately 50%.
* Developed a proper preventative maintenance program.
* Recruited and developed a highly skilled and motivated team of professionals.
* Managed projects to remove old and obsolete equipment and install new automated production lines.
* Improved department safety through daily safety discussions and weekly training sessions.
* Reduced replacement parts cost and improved ordering and purchasing efficiencies.

**Senior Engineer; I&C Department April 2012 – August 2014**

***Ambitech Engineering* Downers Grove, IL**

* Worked on-site as a Plant Engineer using TPM practices.
* Development of instrumentation specifications and datasheets, I/O lists from P&ID’s, and Scope of Work.
* Developed I/O List and Control System Architecture for new Boiler House Project.
* Provide on-site Plant Engineering Services.
* I/O checkout during turnaround and upgrade of chemical process.
* Instrumentation includes Level, Differential Pressure, Temperature, Flow (Magnetic, Micromotion, DP w/ orifice plate), transmitters of various makes and models. Control valve with and without FieldVue positioners and discrete valves.
* Communication protocols include Fieldbus, DeviceNet, and 4-20mA. Motor Control Centers with CT monitoring and VFD’s.
* Leading a team of I & E Engineers and Designers supporting a client on-site.

**Corporate Plant Engineer Aug. 2007 to March 2012**

***Sterigenics International Inc*. Oak Brook, IL**

* Managed the maintenance program for all North American Ethylene Oxide sterilization plants.
* Developed and maintained equipment standards based on installed base, performance, cost, and specifications thereby reducing spares inventory costs by 10%.
* Used TPM techniques to improve the maintenance program and equipment reliability.
* Developed and maintained written Preventative and Predictive maintenance programs for validated processes.
* Developed calibration procedures for measurement devices that reduced planned downtime and labor costs.
* Developed and installed capital projects including specifying equipment, justifying cost, contracting trades, writing, and executing IQ/OQ documentation.
* Ensured compliance with all Environmental Health and Safety procedures.
* Perform maintenance audits to ensure compliance with procedures and practices. Reduced processing non-conformances by 25%.
* Maintained Liquid Nitrogen vaporization systems.

**Maintenance Manager December 2006 to June 2007**

***Little Lady Foods*. Elk Grove Village, IL**

* Manage the maintenance department comprising of 13 mechanics and 3 supervisors, Planner, Parts Manager, Parts Clerk, and a Control Engineer, with a 24/7 operation and an annual budget of $2.6 million dollars.
* Improved mechanical downtime from above 40% to less than 10%.
* Developed an organization to improved long-term reliability of equipment and development of mechanics skills.
* Initiated capital projects that provided operations with flexibility and continuous improvement. Ensured projects were properly engineered and met specifications.
* Recruited highly skilled maintenance personnel.
* Maintained multiple cryogenic systems used for freezing pizza during production.

**Plant Engineer/Maintenance Manager June 2006 to December 2006**

***Orval Kent Foods Inc*. Wheeling, IL**

* Manage the maintenance department comprising of 15 mechanics and 3 supervisors with a 24/7 operation and an annual budget of $2.4 million dollars.
* Improved floor coverage during critical stages of operations.
* Developed an improved Preventive Maintenance program.
* Began Safety Training program. Began Skill Improvement program.
* Improved communications between Maintenance, Operations, Quality Assurance, Sanitation, and Plant Management.
* Develop and engineered capital projects to improve the facility and process operations.

**Building Commissioner June 2005 to June 2006**

***Town of Cicero* Cicero, IL**

* Ensure adherence of local building and construction ordinances as well as Building Codes.
* Develop policy that reflects the goals and priorities of the new administration.
* Began a training program for Building Inspectors that increased efficiencies and consistency of local ordinances, building codes, and compliance inspections.
* Increased and improved use of an outside code review company to improve adherence to local ordinances and Building Code for new residential and commercial construction projects. Improved citizen satisfaction and improved response time by teaching office personnel customer service skills.
* Introduced updated Building Codes for adoption by the Town Board of Trustees.
* Developed an organizational chart and job descriptions.
* Worked within budget and found saving through increased efficiencies.

**Maintenance Manager September 2003 to March 2005**

***Chiquita Fresh Cut* Manteno, IL**

* Organized and managed a new maintenance department.
* Engineered a new process that was highly automated for the fresh cut fruit industry. Designed production equipment layout to allow maximum flexibility and continuous improvements to the process.
* Purchased new tools, and spare parts for new equipment, while holding start-up costs to a minimum.
* Hired new maintenance staff to provide maintenance coverage to support a 24 hour 6 days a week operation.
* Developed new preventive maintenance programs.
* Equipment included steam generating chambers, cutting machines, conveyors, cryogenic chillers, ozone machines, filling machines, modified atmosphere tray filling machines, labelers, metal detection and check weighting machines.

**Project Manager July 2002 to March 2003**

***Patrick Engineering* Lisle, IL**

* Managed projects from development through the installation and commissioning to meet client’s needs. Duties included job costing, keeping track of change orders, and scheduling.
* Secured resources from different departments as the project team was assembled and set goals and timetables for project execution. Resources available included; Electrical Engineering, Mechanical Engineering, Automation Engineering, Civil Engineering, Environmental Engineering, CAD Services.
* Reviewed project progress and performance, monitored costs, and established milestones.
* Specified and purchased PLC's, Valves, Instruments, Pumps, Motors, MCC's, VFD's, and other process equipment.
* Coordinated labor and equipment resources ensuring all jobs were completed accurately, efficiently, and in a quality manner.
* Communicated with vendors and sub-contractors to ensure compliance with company expectations and standards.

**Maintenance/Automation Manager June 2001 to May 2002**

***Cerestar USA* Hammond, IN**

* Managed Maintenance Department. Responsibilities included maintaining plant operations with predictive and preventive maintenance plans using Advantis CMMS as well as minimizing reactive work.
* Communicated with staff in all departments and at all levels.
* Developed, recommended and implemented policies and procedures.
* Initiated a vendor analysis program.
* Promoted safety awareness and a professional working environment.
* Simultaneously managed multiple job responsibilities including proper installation and startup of capital projects.
* Develop long range direction and standardization of electrical equipment, instrumentation, and control systems.
* Equipment included; Switchgear and Motor Control Centers- Allen-Bradley, General Electric, Siemens, Cutler-Hammer; DCS and PLC – Rosemount RS3, Yokogawa Centum CS, Emerson DeltaV, Allen-Bradley ControlLogix, PLC5, PLC2, SLC, w/ Wonderware, Intellution HMI’s; VFD’s – Magnetek, Allen-Bradley, Siemens, Cutler-Hammer, ABB.
* Direct reports include two (2) Mechanical Engineers, two (2) Electrical Engineers, two (2) PLC Automation Engineers, four (4) DCS Automation Engineers, two (2) Reliability Technicians, one (1) Scheduler, three (3) Planners, three (3) Mechanical Supervisors, three (3) Electrical Supervisors, one (1) Administrative Assistant, forty-four (44) Mechanical Repairmen, twenty (20) Automation/Electrical/Instrumentation (AEI) Technicians, one (1) Store Room Supervisor, two (2) Store Room Clerks.

*Reason for leaving: New owners reorganized and my position was eliminated*

**Senior Systems Engineer/Applications Engineer October 1989 to May 2001**

***Novaspect, Inc/. Rosemount, Inc.* Elk Grove Village, IL**

* Develop and design configuration on proprietary software.
* Optimize control of process by examining control scheme and parameters to develop necessary changes of instrumentation, control elements of control loops. Through the use of Distributed Control Systems (DCS) and interfacing with PLC's (Allen-Bradley, GE, Modicon, Siemens). Implemented S88 batch standards within validated pharmaceutical processes. Delta V project experience using Fix32, iFix graphics, module configuration and Sequential Function Charts (SFC). Factory trained on Delta V, RS3, and RMV9000 DCS's.
* Performed regional and international engineering support. Provided direct customer support for Rosemount Systems 3 (RS3) and RMV9000 from selling cycle through system engineering and configuration, followed by start up support and customer training.
* Assisted outside Sales Engineers with the hands-on presentations of the control systems and their capabilities. Served as a technical resource to answer questions and present the systems ease of use. Helped newer Sales Engineers choose the correct equipment to meet the customer specifications.
* Interfaced controls of various sub-systems including packaging machines, cryogenics systems, and skid systems.
* Quoted engineering and configuration for smaller systems, performed the work when appropriate.
* Worked as part of an engineering team on the larger projects; at times served as Lead Engineer.
* Performed all hardware maintenance and after market support. Duties included defining services to be performed during Preventive Maintenance visits by Service Technicians. Quoting Service Agreements and making presentations to the customers.
* Industry work includes Food, Chemical, Pharmaceutical, Paper, Steel, Power Generation. Customers include; Cerestar, VandenBerg Foods, U.S.Steel, Inland Steel, Abbott Labs, Mallinckrodt, Bayer, Henkel, Witco, Cook Composites and Polymers, Ashland Chemical, Sun Chemical, Wisconsin Paperboard, James River Paper, Citco Refinery, Gillette.

**Control Systems Specialist March 1987 to September 1989**

***Honeywell Inc.* Lincolnwood, IL**

* Installed, programmed, checked-out HVAC Control and Fire/Security Systems.
* Worked closely with design engineers and the customers to ensure the system meets specifications and control strategies worked as designed.
* Upon completion of the projects, my duties included customer training, As-builts, and Final Job Reports.

***Education***

Bachelor of Science, Electronics Engineering Technology October 1986

*DeVry Institute of Technology* Chicago, Illinois

GPA: 3.2. Presidents List

Course Work includes: Control Systems, Microprocessor Systems, Advanced Communication Systems,

Physics, Laplace Transforms, Pascal and Basic programming languages.

***Military***

Corporal E-4 July 1980 to April 1983

*United States Marine Corps* Twentynine Palms, California

Okinawa, Japan

Pohong, Korea

Honorable Discharge, Secret Clearance, Good Conduct Medal, Meritorious Mast

Field Artillery Batteryman – Maintained and shot field artillery cannons

Administrator – Maintained Service Record Books

Battalion Mail Clerk – NCOIC of the mail office