

ENGINEERING SERVICES MANAGER

Executive Profile

A results driven Controls Engineer and Project Manager with over 20 years of experience in manufacturing. Skilled in Industrial Automation and Process Engineering with a strong mechanical design background. Proven ability to lead and motivate high performance teams. History of building systems with improved functionality and productivity, consistently meeting critical requirements.

Skill Highlights

- Proficient in process engineering and applying process needs to available technology to improve production availability and uptime.
- Proficient in process engineering and applying process needs to available technology to improve production runability and uptime.

Professional Experience

Engineering Services Manager 02/2013 i¼ 08/2015 Company Name City , State

- Accountable for maintaining the efficiency and effectiveness of all production manufacturing processes required to manufacture a high quality product in a repeatable and cost effective manner and provide overall customer satisfaction.
- Manage all engineering services with provision of all energy sources. Accountable for all mechanical repairs, design and construction within all departments and the resources engaged in the provision of these services both internal and external.
- Support waste water operations by providing advanced troubleshooting on Siemens PLC's. Configured WINCC SCADA system.
- Ensure that all expenditures both in supplies and staffing are optimized and maintained within budget.
- Developed asset management software to track cost, asset history and work order tracking.
- Performed advanced troubleshooting and PLC support for all plant equipment.

Electrical Superintendent 05/2008 i¼ 02/2013 Company Name City , State

- Primary responsibilities include supervising and coordinating all electrical and instrumentation activities.
- Accountable for the proper operation of all automation and controls on production equipment, power distribution systems, plant communications (phones, networks) and security systems.
- Managed projects for installation of new equipment, from design concept to installation and start up.
- Managed large network of Allen-Bradley PLC's, including ControlLogix, CompactLogix and micro controllers with FactoryTalk View ME and SE human machine interfaces.
- Managed the installation and startup of several new projects over \$1MM: HG Molenaar cooker/cooler, Buscetto steam peeler, Navatta steam peeler, Zilli-Bellini diced tomato filling line.
- Perform advanced troubleshooting and PLC support for all plant equipment.
- Trained electricians and instrument technicians in advanced VFD troubleshooting and configuration, PLC programming, process control and applicable regulations including NFPA 70E and NEC codes.

Project Manager 05/2005 i¼ 05/2008 Company Name City , State

- Responsible to review and interpret proposed designs, drawings, and specifications for suitability and initiate revisions where appropriate.
- Managed a team of 5 engineers in the design of various machine sections to ensure on-time project completion.
- Supervised the mechanical and electrical assembly of equipment to ensure that sections are completed on time and meet customer specs.
- Managed cross-functional teams to insure on time installation of equipment at customers facilities.
- Coordinated with vendors and other contractors to complete equipment installation.
- Developed and administered project budgets and fiscal controls, contracts, and quality control provisions for projects.

Facility Supervisor 04/2004 i¼ 05/2005 Company Name City , State

- Managed the activities of 6 maintenance personnel.
- Accountable for projects involving the construction of new buildings and facilities, also the alteration or modification of existing units.
- Performed advanced troubleshooting and repairs on production equipment, such as hydraulic presses, autoclaves and other equipment used in composite molding.
- Design, layout and installation of industrial automation used in production equipment.
- PLC and HMI programming, primarily Allen-Bradley SLC500 platform.

Maintenance Manager/Safety & Environmental Manager 01/1996 i¼ 04/2004 Company Name City , State

- Tyco purchased the facility in 2001.
- Managed the operations and activities of plant maintenance and engineering personnel.
- Accountable for compliance with applicable federal, state and local laws and regulations, securing all required permits, and coordinating with local authorities.
- Maintain a proficiency and applied understanding of all aspects of plant engineering including: Electrical systems - Circuit planning, Power distribution, Illumination, Instrumentation and controls, Electrical machinery, Codes and standards.
- Mechanical Systems - HVAC, Pumps piping and plumbing, Compressors and compressed air systems, Power transmission, Material handling and storage, Fire protection, Structural design and analysis, Building and life safety codes.
- Maintenance - Systems reliability, Understanding drawings and specifications, Maintenance programs and management, Preventive and predictive maintenance practices, Maintenance parts and supplies inventory management, Building and grounds, Housekeeping.

- Administration and Supervision - Manpower planning, Personnel development, Labor relations, Project administration and management, Record keeping.
- Environmental, Safety and Health management - Noise control, Air quality control, Water quality control, Solid waste handling, Hazardous materials controls, Regulations codes and standards.
- Responsible for the installation, programming, maintenance and operation of new material handling control system.
- Created custom database and production/accounting programs with Microsoft Access.
- Performed advanced troubleshooting on all plant equipment.
- Converted antiquated Modicon PLC control system to Allen-Bradley PLC with Wonderware man machine interface(HMI).
- Trained plant maintenance personnel on PLC programming, AC/DC drive troubleshooting and advanced electrical controls troubleshooting.

Maintenance Technician 04/1995 to 12/1995 Company Name City , State

- Performed routine electrical and mechanical maintenance and emergency repairs on automated PLC controlled conveyors, pallet wrappers, burn-in towers and other equipment used in the assembly of Apple computers.
- Completed PLC logic changes from verbal or written instruction and maintained logic backups with revision history.

Electrician 08/1991 to 04/1995 Company Name City , State

- Responsible for repairing and maintaining plastic extrusion equipment in the production of plastic bags and stretch pallet wrap.
- Performed process troubleshooting of entire production lines, including programmable logic controllers (PLC's), AC inverters and DC drives, AC and DC motors and all associated control equipment.
- Maintained all aspects of plant utilities including chillers, air compressors and power distribution.
- Completed electrical installations from blueprints, sketches or verbal instructions with little or no supervision.
- Designed and implemented a Computerized Maintenance Management System(CMMS) that allowed for more efficient tracking of maintenance resources and cost.
- Helped set up and run a successful predictive/preventive maintenance program that greatly reduced cost of emergency repairs.
- Instructed other electricians in maintenance and troubleshooting of AC and DC drives and P.L.C.
- programming.

Microwave Communications Technician 02/1987 to 04/1991 Company Name City , State

- Worked for a rebuild facility doing repairs and overhauls of a wide variety of communications equipment. Primary job was to rebuild microwave communications equipment. Also repaired UHF and VHF radios.
- Created a computerized inventory control program that greatly reduced the amount of man-hours required to perform quarterly inventories.

Education

2015 Certificate of Completion : AIB - HACCP Online Course - Haccp/Food Safety

2004 Select One : Yuba Community College - Business Management City , State

Coursework in Business Management

2003 NEEC Building Operator Certification : Butte College - Basic Electronics, Drafting City , State

1985 High School Diploma : Elk Creek High School City , State

Select One : Better Process Control School City , State , USA

Level 1 : NEEC Building Operator

Skills

accounting, Apple computers, asset management, automation, basic, blueprints, budgets, budget, C, CA, hardware, concept, contracts, client, database, DC, delivery, design and construction, directing, Electrical systems, electronics, equipment installation, filling, Fire protection, Food safety, Hammer, HVAC, instruction, inventory management, inventory control, Labor relations, layout, logic, Logistics, machinery, maintenance schedules, manufacturing processes, materials, Mechanical, Microsoft Access, 2000, Microsoft NT server, Microsoft Windows NT Server, microwave, NEC, network, networks, Novell, Personnel, PLC programming, PLC, plumbing, Power distribution, process control, process engineering, Programming, quality, quality control, radio, Record keeping, repairs, repairing, Safety, safety codes, SCADA, Siemens PLC, staffing, supervising, Supervision, surveys, technical support, phones, transmission, troubleshooting, UHF, utilities, validation, VHF, View, Water quality, Wonderware, written