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CITY OF COCONUT CREEK

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OFFICE OF THE CITY CLERK 4800 WEST COPANS ROAD COCONUT CREEK, FLORIDA 33063

CITY OF COCONUT CREEK CITY CLERK DEPARTMENT

APPLICATION FOR CITY BOARDS

This information is for consideration of appointment to a City Board. A description of the responsibilities of each Board is on the back of this application. Please complete and return this form to the City Clerk, along with a brief resume of your education and experience.

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Note: (1) Application effective for ONE YEAR from date of completion.

(2) If you have any questions on the above, please call the City Clerk's Office at (954) 973-6774.

* Financial Disclosure Form is required upon appointment to the Board.

PHONE (954) 973-6774 EMAIL: LMay@coconutcreek.net http://www.coconutcreek.net FAX (954) 973-6794

OBJECTIVE

SMT/Electromechanical Engineer to Increase Yields and Lower Costs While Protecting the Environment

PROFESSIONAL HIGHLIGHTS

HEALTH, SAFETY, ENVIRONMENTAL, WORKERS COMPENSATION & MEDICAL

- Reduced Workers Compensation open claim costs from \$200,000/year to \$50,000/year in 2 years
- First aid injuries were reduced by 45% the first year
- Workers Compensation claims were reduced by 75%
- OSHA recordable injuries were reduced by 50% in one year an effort to achieve World Class status using Total Quality Management techniques (TQM), LWCA=0.1 and TCIR=1.0
- Freon (CFC) recycling generated over \$50,000/yr cost avoidance
- Hazardous waste disposal costs were reduced by 66% in one year
- Hazardous material inventory was reduced by 50%, reducing safety hazards and liability

MICROELECTRONICS

- Implemented the first surface mount technology process designs for Allied Signal electronics, beginning with the Total Collision Avoidance System (TCAS) for the FAA
- Developed and wrote all soldering and electrical assembly process for the TCAS product line
- Optimized soldering yields from 33% to 90% in 3 months
- Received the second highest cost savings award that involved over \$500,000 savings by optimization of a material control and inventory tracking system at GE.
- Standardized DOD satellite system electrical design layout, throughout five design groups at GE
- Assisted Joe Keller in the research and identification of Dendritic Growth on SMT technology devices and coauthored technical paper for the Annual Hybrid Microelectronics Symposium

EMPLOYMENT RESPONSIBILITIES

- Cardinal Health (Medical/Pharmaceutical Distribution) Regulatory Management, EHS/QA. Resolved Security
 and Quality issues identified via Corporate and Regional Audits based on ISO13485 / FDA Standards. Performed
 all EHS/QA Regulatory training. Interfaced with local regulators as well as acted as Corporate Liaison on all
 HSE/QA division matters.
- CPC AEROSCIENCE- Heath, Safety & Environmental Manager. Performed all employee training, responsible for hazardous waste manifest and control, completed all annual reports and assured federal and local regulatory compliance (EPA, RCRA, CERCLA, SARA, DOT, OSHA, NIOSH, TSCA, etc.).. MSDS Standardization.
- ALLIED SIGNAL- Full responsibility (HS&E plus Medical, Workers Compensation and Risk Management) in addition had two manufacturing plants ~1200 employees in Ft. Lauderdale, 3 domestic and 3 foreign hangers where rework /repair of aviation products was performed. Revised the Safety Manual to meet ISO9000 standards. Trained over 1200 employees, annually, in all aspects of EPA, RCRA, CERCLA, SARA, DOT, OSHA, NIOSH, HM-181, TSCA. Initiated in-door air quality testing to generate a baseline for employee exposure to hazardous chemicals. Developed HS&E review standards for new business acquisitions. Interfaced with local regulators as well as acted as Corporate Liaison on all HSE division matters. Initially was hired as a Senior Engineer to work on the new product introduction and development of TCAS, the first product with surface mount technology. Worked as liaison between Engineering and Manufacturing to develop soldering processes (IR, Wave, and Vapor) for SMT electronics of TCAS. Defined tooling, selected equipment and materials, parts, rework and repair, approved electrical schematics. Initiated development of "State of the Art" zero discharge/closed loop aqueous water filtration system for cleaning electronic printed circuit boards using water soluble flux while also being environmentally friendly.
- GENERAL ELECTRIC SPACE DIVISION Liaison between design and manufacturing to optimize new product (electronics) for military satellites. Responsibility included tooling, process design, planning, materials and parts selection, drafting reviews and sign-off for new designs as well as redesigns per military standards. Held Secret Clearance.
- MOTOROLA- Advanced Manufacturing Technology Group Performed research with surface mount technology designs. Responsible for development of high impedance encapsulation, structural lead reinforcement, guide pin and attach process, thickfilm components and jumper designs, polymeric sealants and its electrical effects during cleaning process/ionic contamination. Supported hybrid microelectronic manufacturing with process development and yield improvement, optimizing tool design for wave solder, and micro-welding.

SKILLS Technical Writing Six Sigma Public Speaking/Training Total Quality Management (TQM) New Product Introduction Design For Manufacturing (DFM) Certified Process Optimization/ Cost Reduction Word, Excel, Works, PowerPoint Standard Operating Procedures (SOP) Just In Time (JIT) Material Control ISO 9000 Bilingual (English/Spanish) **EMPLOYMENT** TECHNICAL RECRUITER, EMS/SMT/Engineers/Executive Placement, 2015- Present **HISTORY** StepBeyond Solutions Dallas, Texas REGULATORY COMPLIANCE MANAGER, EHS/QA, 2014-2015 Cardinal Health Weston, FL HEALTH, SAFETY, ENVIRONMENTAL MANAGER. 2010-2012 CPC Aeroscience Pompano, FL HEALTH, SAFETY, ENVIRONMENTAL STAFF/SENIOR ENGINEER, 1989-96 Allied Signal Ft. Lauderdale, FL **PRODUCIBILITY ENGINEER**, 1985-88 King of Prussia, PA GE Space Division SENIOR ENGINEER, 1982-84 Racal-Milgo Miami. FL PROCESS ENGINEER, 1978-82 Motorola Communications Inc. Ft. Lauderdale, FL **EDUCATIONAL BACHELORS OF SCIENCE** University of Florida HISTORY Chemistry/Chemical Engineering(minor) Gainesville, FL 1977-79 **BACHELOR OF SCIENCE** Florida Atlantic University Mechanical Engineering (95% complete) Boca Raton, FL 1979-82 **MASTER OF SCIENCE** Penn State University Mechanic & Materials Engineering (50% complete) King of Prussia, PA 1986-88 HONORS AND AWARDS Environmental Advisory Board, City of Coconut Creek, 2016-17 Parkwood Homeowners Association, Architectural Committee, 2017 Experience Lead, ACS/Relay For Life, Coconut Creek/Margate, 2015 Co-Chair, Relay For Life, Coconut Creek/Margate, 2014, Raised \$80,000 in 3 months Board Member, Brookwood Home for Abused, Neglected and Abandoned Girls, 2010-2013 Board Member, Coconut Creek Women's Club, 2009-present Guardian Ad Litem, Broward County, 2009 Phi Kappa Phi & Pi Tau Sigma, 1985-87 Motorola, 1981-82, Professional Recruiter Women's Political Caucus, 1980-82, 2nd Vice President/Membership Chairman International Society of Hybrid Microelectronics, 1980-82, Treasurer Professional Women of Motorola, 1979-80, Executive Committee Director Benton Engineering Council, 1978-80, Priorities, Programs & Awards Committees Florida Engineering Society, 1977-79, Treasurer and Event Coordinator Joseph Weil Award, 1978-79, solo leadership award/first woman at University of FL Epsilon Lambda Chi 1978-79, Honorary Award to upper 2% leader in College of Eng Society of Women Engineers, 1977-1980, President, Vice President, Industrial Coordinator, Florida State Symposium, 1978, Chairman and Student Coordinator/Publicity Chairman Member, American Institute of Chemical Engineers, International Society of Hybrid Microelectronics, National Society of Plastics Engineers REFERENCES References are available on request.

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