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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.

- 1. Name: Irene Espinosa Cell Home Phone: 954-552-0930
2. Home Address: 4242 NW 66 DR.
3. E-mail Address: icesp12@gmail.com Fax Number:
4. Business: Business Phone:
5. Business Address:
6. Are you a resident of Coconut Creek? Yes [checked] No
7. Are you a registered voter? Yes [checked] No
8. Do you hold a public office? Yes No [checked]
9. Are you employed by the City? Yes No [checked]
10. Are you currently a member of a City Board? Yes [checked] No
11. Have you ever served on a City Board? Yes [checked] No
12. Are you away from the City on extended vacation or business trips during the year? Yes No [checked]

13. PLEASE CHECK THE BOARDS ON WHICH YOU ARE INTERESTED IN SERVING: (See brief description on the back of this page.)

- *CIVIL SERVICE BOARD [] *PLANNING & ZONING BOARD []
PARKS & RECREATION BOARD [] AFFORDABLE HOUSING ADVISORY []
ENVIRONMENTAL ADVISORY BOARD [checked] COMMITTEE []
OTHER []

14. Briefly describe your qualifications to serve on this Board: HSE Professional

15. Would you consider serving on a Board other than the one(s) selected? Yes [checked] No

SIGNATURE: Irene Espinosa
Date: 3/21/17

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.

IRENE ESPINOSA

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 co-authored 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- Health, 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.

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