**Rafael A Tirado 3472 Harlequin Dr. St. Cloud, Fl. 34772**

**(407) 285-9323 - rafy8932@hotmail.com**

**Professional Profile**

**ELECTROMECHANICAL INDUSTRIAL MAINTENANCE SPECIALIST**

Self-directed, highly-skilled, and vastly experienced mechanical and production engineering lead technician coupled with Industrial maintenance expertise. Offer in depth knowledge of sensitive, computer-controlled electromechanical Machinery Installation, modification, troubleshooting, and repair, routine and preventive maintenance. Experience acquired with Major and notable pharmaceutical and food manufacturing organizations as well as with a Department of Defense Subcontractor. Functional competencies, certifications, and expertise with, but are not limited to:

**\*GMP, SPC, LOCKOUT-TAGOUT CERTIFIED \*ELECTROMECHANICAL/PRODUCTION MACHINERY**

**\* SOP'S, EHS, FDA, ISO STANDARDS ORIENTED \*COMPUTERNUMERICALCONTROL (CNC) MACHINERY**

**\*TROUBLESHOOTING, REPAIRING MACHINERY \*HYDRAULIC, PNEUMATIC, ELECTRICAL SYSTEMS**

**\* INSTALLING, MODIFYING EQUIPMENT \* TESTING, CALIBRATING, MEASURING EQUIPMENT**

**\*READING, INTERPRETING Drawings \*PERSONNEL TRAINING AND SUPERVISION**

**EXPERIENCE:**

**Country Fresh LLC *2012 – Present* Orlando, FL Maintenance Manager**

Plant daily maintenance operations Manager, duties include but not limited to developing a P.M. program together with a W.O. and LOTO systems using Prior experience managing engineering/maintenance projects in an industrial environment. All equipment repairs As of PLC, VFD and new equipment installations other duties as Assigned by superiors

**VITAQUEST INTERNATIONAL *2007-2012* Orlando, FL Utilities & Maintenance Manager**

Supporting Equipment Manager duties included but not limited to, all Utilities Water, steam, electrical, mechanical room, pneumatics repairs and logistics installations, personnel training, safety lead, SOP writing GMP training, Budget Control, Conformance Controller. Maintains maintenance records to track effectiveness of maintenance program.

**OLDCASTLE GLASS Co *2003-2007* Tampa, FL Maintenance Manager**

Oversee all maintenance activities including but not limited to: re building, modification of supporting equipment,

Electrical Installations, PLC troubleshooting, frequency drive programming, new machinery logistics, PM implementations Training of new technicians, all mechanical adjustments, re organization of equipment for production efficiency, Ordering Spare parts, organizing stock room as per Lean Manufacturing Procedures, creating corporate accounts with major industry Distributors and others duties assigned by superiors

**JAYSON CONCEPS Arden North Carolina *2003-2003* Service Technician**

Electromechanical installations of automated case picking equipment and technical field support for The Vertique Palletizing Systems. Troubleshooting of all PLC logic controllers and preventive Maintenance of compressors and supporting equipment

**D.S.E. Enterprises** *2002-2003* Tampa, FL Electro Mechanical Technician

Electromechanical Troubleshooting, Maintenance, Preventive Intervention; Ensure Reliable Operation of All Process And Plant Machinery for This Department of Defense Munitions Contracting Firm. Electrical, Mechanical, Pneumatic Systems Repair; Monitor Applied Statistical Process Control Systems to Maximize Production Output

**BAUSCH AND LOMB PHARMACEUTICALS *1998-2002* Tampa, FL Maintenance Lead Technician**

Machinery Installations and Modifications; Troubleshooting All Filling Process Equipment; Process Equipment

Redesigning/Engineering for Maximum Output; Third Shift Filling Operations Lead Mechanic; Preventive and Routine Maintenance; NORDEN, IWK, IMMA European Machinery Operations; Clean Room Certified

**NESTLE FOODS INC *1997-1998* Bayamon, PR Industrial Technician**

Troubleshooting and Repair of Norse and Sweetheart Automatic Dispensing Machinery; DC and Gasoline Forklift Repair; Boiler Room and Waste Water Treatment Plant Operation; Cooling Tower and Clean Air Systems Monitoring; Air Compressors and Ammonia Generators Repairs

**CON-AGRA FOODS, INCORPORATED *1994-199* Tampa, FL Maintenance Supervisor**

Packaging Machinery Rebuilding and Preventive Maintenance Scheduling; Hydraulic, Troubleshooting, Maintaining and Repairing Pneumatic and Electrical Conveyors, Packaging Machines, Gear Boxes, Pumps, Metal Detectors, Checkweighters and Injection Molding Machines. Acting Supervisor of the Maintenance department

**SKILLS SUMMARY:**

Army Veteran, Budgeting, Calibration, DC Control, Electrical Engineering, Electronics, English, File Management, Forklift Repair, cGMP, Logic Controls, Mechanical Machinery, Management, Organizational Skills, Packaging Equipment, Personnel Training, PLC Troubleshooting, VFD Programming, Safety Oriented, Scheduling, SOP Writing, Spanish, SPC, Supervisory Skills, Technician, Troubleshooting, Utilities.

***Education Training; Additional Data***

**AA*, Mechanical Engineering***, C.E.S., Sponsored by Bausch and Lomb, 2002***“Lockout - Tag out”*** Training, Management Consultants in Occupational Safety & Health, & DOT, Sponsored by Bausch and Lomb, 1997, ***Total Productive Manufacturing***, Resource Dynamics International, Sponsored by Bausch and Lomb, 1999, ***Electrical Engineering,*** 1480 Hours, Cleveland Institute Of Electronics, Sponsored by the US Army, 1985. Early Background: Mechanical Technician, Tyson Foods, New Holland, PA; US Army, Calibration Technician, 1982-1989.Bilingual, English and Spanish. Recipient of Various Awards for Outstanding Performance. **Reference available**.