

ISMAEL G. SEGARRA GONZÁLEZ
ER 33 VÍA ENRAMADA
TRUJILLO ALTO, PUERTO RICO 00976
787-360-2892
ISMAEL.SEGARRA@PTS-PR.COM

SUMMARY OF QUALIFICATIONS

Experienced Mechanical Engineer with hands-on and management experience in Medical Device Automation, Pharmaceutical Packaging Technology, Project Management, CAD Services and Equipment Sales.

PROFESSIONAL EXPERIENCE

Plastics Technical Solutions Corp., Trujillo Alto, P.R.

Managing Partner

05/2009- present

- Partner of local firm responsible for Equipment Sales and Technical Services. Responsible for the Management of the Technical Services Business and the development of a customer base. Services includes Design and Manufacturing of custom Assembly Machines for Medical Device Manufacturing, Pharmaceutical Packaging Technology, Project Management, Consulting, GD&T Training and CAD Services.

MAJOR ACHIEVEMENTS

- Developed network, created synergies/collaboration and teamed with local suppliers to expand PTS services.

Pfizer PGM, Puerto Rico Site

Sr Mgr/TL Package Engineering Services

08/2004- 05/2009

- Lead the Package Engineering Services team. The team's scope included the implementation of Package Engineering projects across Puerto Rico, US and EU packaging sites.
- Liaison between the Puerto Rico main packaging sites (PGM and Contract) and the Packaging Services Sub-Teams (PES Teams, PD&D Teams and GPT&T).
- Responsible for managing a staff of four Packaging Engineers physically located at the main Puerto Rico packaging sites.
- Provided support to product launches and transfers, management and implementation of changes to primary, secondary and tertiary packaging components associated to new technologies, packaging lines efficiency improvements or CIPs.
- Provided structural design to the PD&D Teams for printed component artwork creation, development of specifications and packaging bills of materials (PBOMs).
- Coordinated testing at the Packaging Services Laboratory for new materials, primary components structures, inks, etc.
- Provided packaging components line support and liaised with vendors to solve technical problems when required.

MAJOR ACHIEVEMENTS

- Provide leadership and technical support to key initiatives as part of the Puerto Rico Packaging Network Transformation.
- Managed key Initiatives that included Blister Package Harmonization and Shipping Case Re-design for all major packaging sites.

Pfizer PGM, Caguas, P.R.

Packaging Process Improver

11/1999- 08/2004

- Member of Self Directed Team responsible for equipment and packaging process projects for new products or product extensions of solid oral dose pharmaceutical products.
- Project Manager and Systems Owner responsible for the selection, Capital Appropriation Requests, procurement (including the preparation of User Requirements Specifications), Factory Acceptance Test, Installation, Qualification/validation cycle (Supplier Impact Summary, Validation Plan, IQ, OQ, PQ, PV, Reports, SOP preparation/update, Business Continuity Plan, Validation Plan Report, 21 CFR Part 11 Gap Analysis, etc), training and start up of packaging equipment.
- Supported new product launches, product line extensions and transfers. Responsibilities included the acquisition of dedicated change parts for bottle packaging and blister packaging lines, qualification, packaging materials and/or components and Process Validation at the Caguas Site and contract packagers.

MAJOR ACHIEVEMENTS

- Managed \$3MM in Capital Projects related to equipment replacement and Packaging Lines improvements.
- Team member responsible to transfer the packaging process of an oral solid dosage product from Kalamazoo, MI to the Caguas Site in six months. Responsibilities included equipment refurbish/upgrade, tooling, layout improvements, equipment qualifications and process validations.
- Coordinated a Programmable Logic Controllers (PLC) Training for all Engineers and Technicians.

Ortho Pharmaceuticals, Manatí, P.R.

Equipment Engineer

11/1998- 11/1999

- Team Member responsible for the packaging equipment and cost improvement projects for new products or product extensions of semi-solid dose pharmaceutical products.

MAJOR ACHIEVEMENTS

- Lead the modifications to meet packaging component/equipment interface and installation of new EOL Packaging Equipment .

Autopak Engineering Corporation, Caguas, P.R.

Project Manager

10/1997- 11/1998

- Managed all Mechanical and Electrical Engineering packaging projects for food, electronics, pharmaceuticals and medical device industries. Managed a staff of approximately ten (10) Mechanical and Electrical Engineers during the project management, design, components selection, costumer meetings, documentation, construction, assembly, installation and commissioning of packaging and automated equipment.

MAJOR ACHIEVEMENTS

- Coordinated a Pneumatics Technology Training for all Engineers and Technicians.

Baxter Biotech Fenwal Division, San Germán, P.R.

Manager Machine Design Engineering

11/1991- 10/1997

- Staff Member reporting to Director Fenwal Del Caribe.
- Responsible for the project management, design, construction, assembly and installation of state-of the-art automated equipment.
- Managed a team of ten (10) technical professionals including engineers, designers and technicians.

MAJOR ACHIEVEMENTS

- Managed the design, construction and installation of the Electron Beam (E-Beam) Sterilization Area in Fenwal, San German Site.
- Projects included Device Assembly Machines, Electron Beam (E-Beam) Sterilization area and support equipment, RF Sealing/Assembly Equipment and Filling for San Germán, Maricao and Añasco plants.
- Managed Capital Budget of approximately \$5MM/year

Baxter Biotech Fenwal Division, Mayagüez, P.R.

Section Manager

12/1988- 12/1991

- Responsible for the project management, design, construction, assembly and installation of automated equipment at various manufacturing sites.

MAJOR ACHIEVEMENTS

- Responsible for the management, design, construction and installation at several International plants including Haina, Dominican Republic, Cuernavaca, Mexico and Thetford, England.

Baxter Fenwal Division, Aguada, P.R.

Principal Engineer

03/1987- 12/1988

- Responsible for the project management, design, construction, assembly and installation of automated equipment.

MAJOR ACHIEVEMENTS

- Provided support during the design and construction of the PlasmaCell Automated Line in Santa Ana, CA.

Baxter Fenwal Division, Maricao, P.R.

Principal Engineer

01/1986- 03/1987

- Responsible for the preventive maintenance of manufacturing equipment.

MAJOR ACHIEVEMENTS

- I expanded my role and responsibilities providing support to the Project Team.

EDUCATION

University of Puerto Rico – Mayagüez Campus

Bachelor Science Mechanical Engineering - 1986

SPECIAL TRAININGS AND CERTIFICATIONS

- College of Engineers and Land Surveyors (CIAPR) License 23718-EIT
- Certified SolidWorks Associate (Certification # C-4JJ6L48C3Y)
- Trainer Geometric Dimensioning & Tolerancing
- Essentials and Advanced SolidWorks Training
- Fundamentals of Packaging Technology - Semesters 3 & 4
- Six Sigma Methodology Training
- The Leader Manager