Rogelio Perea - Industrial Engineer

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My main goal has always been to make disciplined use of both technology and methods and procedures to improve enterprise operations at all levels, with the aim on making them cost effective while providing a high quality end product and/or service.

Specialties

Continuous Process Improvement, ISO9000 Audit / Compliance, Plant / Cell Layouts, CAD, Injection Molding, Lead Die Cast, Shop Tools, Wire Processing (Cutting, Stripping, Press), Thermal & Chemical Treatments (Annealing, Plating), Programmable Logic Controllers, Electrical and Electronics troubleshooting to component level, Computer Technology, Real Time Operating Systems, Unix, MS Windows, Mac OS, Customer Support

Experience

Broadcast Support Engineer
Bloomberg News
Financial News/Media Services industry

January 2004 – January 2017 (13 years)

WBBR 1130 Assistant Chief Engineer - Internal & External Customer Support (Technical Services) - Documents Management (Creation and Maintenance of CAD Drawings/Schematics, Procedures and Tutorials), HVAC (intermediate), Editorial Staff technical training. Continuous Improvement efforts following TL9000.

Sr. Industrial Engineer
Conn-Selmer, Inc.
Music instruments manufacturing industry

January 2003 – December 2003 (1 year)

Process Engineering: Workflow, Standards, Bills of Material, Tooling, Plant Management (CAD, Layout, Support Services - Power, HVAC), Packaging - ISO9000 Internal Auditor -Training - ERP Management/Admin (JDE) - APQP management, Production Floor direct support.

Sr. Product Engineer
Prestolite Wire Corp.
Automotive supplier industry

April 2000 – December 2002 (2 years 9 months)

Customer Support (Ford, Chrysler, Yamaha, Scannia) - Aftermarket Product Line Manager - Product Launch Management - ISO9000 - Lean Manufacturing - Advanced Product Quality Planning - Production Floor direct support - ERP Management/Admin (QAD)

Manufacturing Engineer
Atronix, Incorporated
Electrical/Electronic Manufacturing industry

March 1998 – February 2000 (2 years)

Engineer Manager (Process, Manufacturing & Tooling) - ISO 9000 - Training - Plant Administration support (CAD, Layout) - Corporate Engineering Liaison - ERP management/admin (Visibility Quality WB)

Chief Engineer
XENY - AM / XHNI - FM

January 1989 – July 1995 (6 years 7 months)

All duties pertaining to technical & engineering services: equipment purchasing, installs, improvement - Personnel training - Federal regulations compliance

Languages

- English
- Spanish

Education

Instituto Tecnológico y de Estudios Superiores de Monterrey
Diplomat, Lean Manufacturing
2001 – 2002

Continuous improvement studies and practical implementations in diverse environments

Instituto Tecnológico de Nogales
BS, Industrial Engineering
1984 – 1989

Majored in Manufacturing Production Systems

Instituto Tecnológico de Nogales
AS, General Electronics & Computer Science
1981 – 1984

Electronics R&D and Computer Science, Computer and Microprocessor/Microcontroller Programming.

Achievements

Spearheaded the effort at Atronix's Mexico plant to achieve ISO9000 Certification in 1999. Improvements included a new from the ground-up tooling department with direct Engineering support. Plant got certified by TÜV.

Installed the first ERP system terminals on the production floor for Atronix in Mexico. This allowed supervisors and QA techs to immediately document production updates onto the Visibility QWB system, helped reduce the response time to corrective actions as well.

Improved the process to manufacture a sliding switch for Chrysler. Original design called for sonic welding of some components; a slight design change on the contact surfaces of the slide resolved the instability of the mechanical movement en operating the switch, sonic welder no longer required.

Resolved tight surface tolerances problem with Oil Pressure sensor molded casings for Scannia. Working with the mold maker, the design of the mold was retrofitted for better molten resin injection flow. New parts surfaces requirements all well within the specs.

Standardized crimp terminals and thimbles for Aftermarket Products (sold at Auto Parts stores) for all product lines (Chrysler, Ford, Yamaha, Thermoking). New designs were approved and implemented on the run allowing for a significant reduction in warehouse materials purchase diversity: better bulk buy prices, reduction of part numbers in the inventories.

Other

Relocated to Arizona February 2017

US Citizen

Hobbies: Musician, Vintage Computing