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**JACK JEFFERSON**  
123 Any Street  
Any City, State 55555

(123) 555-1234  
Cellular/Messages: (123) 777-5678  
e-mail: [JackJefferson@earthlink.net](mailto:JackJefferson@earthlink.net)

A versatile Quality Assurance Engineer/Supervisor with 19 years of progressively increasing responsibilities in inspecting electro-mechanical products for leading companies and manufacturers.

Expertise includes outstanding skills in working with all types of inspection equipment for dimension, surface finish, physical and electrical testing. Fully knowledgeable in the inspection of plastics, metals, hardware, power supplies, cable connectors and finished products. An experienced manager who has set up and led several Material Review Boards and overseen inspection teams of up to 25 inspectors.

## EXPERIENCE

**XPX Technologies, Inc.**, Riverside, Rhode Island

2002-2007

### Supplier Quality Engineer/Supervisor

Performed quality control analysis on incoming parts and materials as well as work-in-process for a printer manufacturer with sales of \$798 million. Interfaced with suppliers in Mexico, Spain and the United States concerning quality issues.

- Surveyed and worked with more than 236 vendors on the quality of their products. This included regular visits to factories for in-the-field quality reviews. Fluency in Spanish facilitated on-site visits to Mexico. Dealt directly with operators and written documents to solve quality issues.
- Established communication channels with key suppliers on a weekly and monthly basis.
- Worked with U.S. suppliers and their Spanish facilities to validate their offshore production.
- Set up and implemented a Statistical Process Control (SPC) System at 48 key suppliers that provided monthly statistical data on components and assemblies prior to shipment. Worked with each vendor to identify problems and necessary corrections for future production.
- Led Material Review Board meetings, which included engineering, purchasing and suppliers to resolve quality issues on a daily basis. Key defects included dimensions, functions, workmanship, design specifications, materials and inspection procedures.
- Fully knowledgeable on all mechanical and electronic measuring tools.
- Participated in qualifying the facility for ISO 9000 and each year conducted an audit of compliance. Assisted four suppliers to qualify for ISO 9000.
- Assisted suppliers and in-house manufacturing to increase quality, achieving a 100% First Passed Yield (FPY).
- Qualified vendors to ship components and assemblies directly into stock.
- Coordinated with the Engineering Department in preparing validation test criteria for new products.

**ToolRX Industries, Inc.**, New York, New York

1997-2001

### Quality Control Engineer/Supervisor

Supervised the Quality Assurance Department consisting of 12 inspectors for a surgical tools manufacturer with 234 employees.

- Created work-in-process inspection procedures for more than 10,000 SKUs and performed validation testing for new products.
- Qualified 89 domestic suppliers.
- Assisted in getting the plant back in operation within two weeks after the September 11 attacks.

**LaserCare Incorporated**, Riverside, Rhode Island

1993-1997

**Senior Quality Assurance Engineer**

Directed the Quality Assurance Department functions for the Shipping/Receiving Department with a team of eight inspectors. Oversaw quality control for projects with a production cycle of more than nine months for a manufacturer producing recorders and printers. Total staff was 900.

- Chaired the company Material Review Board (MRB) for all quality issues.
- Prepared inspection instructions and test procedures.
- Performed project program audits and failure analyses with emphasis on corrective action and resolution of quality problems.
- Designed inspection fixtures and related tools for inspecting printing heads and metal parts.

**CerebOX**, Providence, Rhode Island

1988-1992

**Quality Control Supervisor (1990-1992)**

Supervised the Receiving and Work-in-Process Departments' inspection operations, processing 150 SKUs supporting \$200 million in sales. Managed a team of 25 inspectors.

- Planned, developed and implemented inspection methods.
- Visited and surveyed 20 vendors qualifying production and inspection methods.

**Quality Assurance Engineer (1988-1990)**

Created and led the company's first Material Review Board dealing with engineering, purchasing, manufacturing engineering and quality assurance for a manufacturer of memory disks with \$145 million in sales. Led a team of five inspectors inspecting 63 SKUs.

- Prepared and implemented quality control instructions for the Receiving, Manufacturing and Testing Departments.
- Designed and developed inspection methods and fixtures.

**EDUCATION**

**Brown University**, Providence, Rhode Island

**Master of Science, Systems Engineering**

**Rhode Island State University**, Kingston, Rhode Island

**Bachelor of Science, Mechanical Engineering**

**Languages:** English and Spanish

**TECHNOLOGIES**

**Statistical Process Control (SPC):** QI Micros Excel, Boeing DI-9000 Advanced Quality System (AQS)

**Inspection Equipment:** Brown & Sharpe CMM (Micro 765), MicroScope (Leitz LIBRA), TP-301 Optical Measuring Projector

Mitutoyo Surface Analyzer – CBH-400, Roundness tester RA-112, Optical Measuring Projector – PJ303, Laser Micrometer – LSM-9602