

Todd Mirkin

Quality Manager - Advanced Circuits

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(408) 406-5550

A driven, analytical, and communicative leader with over 21 years experience in high tech industries.

Authorized to work in the US for any employer

Work Experience

Quality Manager

Rainbow Research Optics - Centennial, CO

February 2019 to Present

Responsibilities:

Managed the Ship Schedule and a team responsible for the inspection, testing and packaging optics.

Achievements:

Streamlined the shipping documentation process to increase the packaging processes efficiency.

Overhauled the calibration process to ensure advance warning of items whose calibration due date was nearing and to decrease auditing time. Lead Management Review Board meetings and ISO 9001:2015 certification preparations and audits.

Quality Manager

Advanced Circuits - Aurora, CO

May 2015 to Present

Process Engineer until November 2015)

Responsibilities:

- Managed a team responsible for the PCB Assembly Division's Quality Control.
- Owned of all pre and post-shipment quality issues and interfaced directly with customers.
- Planned and conducted audits and inspections.
- Implemented and created of SOPs, Work Flows and Work Instructions.

Achievements:

- In one year managed a reduction in monthly PCBA customer complaints by approximately 56%.
- Revised the production flow including the locations of in-process quality inspections.
- Implemented random audits of all aspects of PCBA manufacturing from Engineering to Shipping.

Hardware Operations Lead/Plant Manager

Nokia - Berkeley, CA

February 2013 to December 2013

Responsibilities:

- Managed a team responsible for building survey/mapping equipment.
- Buyer for 80% of production materials and accountable for all aspects of inventory management.

- Responsible for production planning, facility management, all BOM creation and revision, Supply Chain Management/SCM, and Enterprise Resource Planning/ERP administration.

Achievements:

- Created and implemented the production part number system and product BOM structure.
- Led a project team tasked with rolling out an ERP/SCM system.
- Spearheaded the completion of a series of major facility upgrades.

Manufacturing Production Manager

Protein Simple - San Jose, CA

October 2011 to December 2012

Responsibilities:

- Managed a team responsible for assembly and test of protein analysis instruments.
- Developed and owned the quarterly production schedule.
- Core Team Leader - Continuous Improvement.

Achievements:

- Reduced lead times 50% by moving production from a build to order to finished goods model.
- Nearly 100% on time shipment.
- Consistently shipped 100% backlog by quarter end.

Assistant Production Manager

Sunnyvale, CA

February 2011 to September 2011

Responsibilities:

- Supervised the production of customized network traffic monitoring equipment.
- Performed QC checks, drafted preliminary ISO documents and Quality Manual.
- Set due dates for production/shipment schedule and performed process improvement.

Achievements:

- Improved run rates 33% by switching from single assembler builds to a continuous manufacturing environment and changing from external to inline QC checks.

A core member

Agilent Technologies

August 2009 to May 2010

August 2009 - May 2010

Responsibilities:

- Supported 3 unique production areas, classified parts for trade, implemented software releases, created spare parts and kits for field service and coordinated moving the production plant to a new facility.
- A core member of the Software Release team, Field Service Escalation team, Order Review team, Third Party Equipment Implementation Team, and Medical Emergency Response team.

Achievements:

- Increased Printed Circuit Board (PCB) yield by 35%.
- Decreased custom system build times by 12%.

Senior Manufacturing Engineer

Agilent Technologies - Santa Clara, CA

October 2006 to May 2010

Production Manager

Agilent Technologies

October 2006 to August 2009

Responsibilities:

- Managed the integration and functional testing of customized Workstations and Liquid Handling devices for the Life Science, Pharmaceutical, and Agricultural industries.
- Managed end-to-end production including; sales order review against the customer's application to guarantee customer satisfaction, production and material planning, and shipment scheduling.

Achievements:

- Reduced customer order lead-time by 20%.
- Cut shipment related issues by 11%.

Production Supervisor

Molecular Devices - Sunnyvale, CA

March 1999 to September 2006

Manufacturing Lead/Senior Test Technician

Molecular Devices

March 1999 to July 2000

Responsibilities:

- Maintained the weekly build plan, delegated resources to meet product demand, tracked all material shortages, performed quality audits, and maintained ISO 9001 standards.
- Integrated, tested and troubleshooted pharmaceutical research and development equipment.
- Developed procedures for assembly, test, and field installation processes.
- Provided technical support, trained employees, and conducted customer tours of the facility.

Achievements:

- Promoted to Production Supervisor.
- Promoted to Manufacturing Lead.
- Earned 6 zero defect awards.

Pilot Line Manufacturing Engineer

Applied Materials - Santa Clara, CA

July 1995 to October 1998

May 1997 - October 1998

Responsibilities:

- Eliminated form, fit, and functionality discrepancies for semiconductor fabrication equipment.
- Wrote procedures for assembling and testing new products, created engineering change orders (ECOs) and performed technical review of ECOs for peers.
- Interfaced with vendors to resolve supply issues in order to increase the quality of their products and services.

Achievements:

- Awarded a Certificate of Appreciation for cutting cost by \$450,000 a year.

Engineering Technician

Applied Materials

July 1995 to May 1997

Responsibilities:

- Tested, aligned, calibrated, and troubleshot semiconductor fabrication equipment.
- Lead customer inspections.
- A continuous improvement team member.

Achievements:

- Promoted to Manufacturing Engineering.

Education

Bachelor of Science in Electronic Engineering Technology in Electronic Engineering Technology

DeVry University - Columbus, OH

Associates of Science in Electronic Engineering Technology in Electronic Engineering Technology

DeVry University - North Brunswick, NJ

Skills

ASSEMBLY (5 years), PCBA (3 years), LIQUID HANDLING (2 years), SOPS (3 years), PCB (3 years), ISO, Quality Improvement, Lean, KPI, Lean Manufacturing

Additional Information

SKILLS PROFILE

- Production Management, Quality Management, Project Management, Capacity Modeling, Key Performance Indicators/KPI
- IQ-OQ-PQ, Quality Management Systems/QMS, CAR/PAR, NCMR, CAPA, RMA, Data History Records/DHR, ISO 9001, 5S/6S, Process Improvement, GMP, Lean Manufacturing, IPC-A-610
- New Product Introductions/NPI, Engineering Change Order/Notice (ECO/ECN) Processes, Product Life Management/PLM, Configure To Order/CTO, Build To Order/BTO, Pick To Order/PTO
- Technical Writing, Work Instructions, and Standard Operational Procedures/SOPS, SolidWorks
- Vendor Relations/Quality, Assembly Outsourcing, OTS Part Obsolesce, Purchasing, Planning
- Inventory Management, Supply Chain Management, Customer Order Management
- MRP, ERP, Oracle, SAP, MM3000, PeopleSoft, Salesforce.com, JIRA, Matrix One
- Electrical/Mechanical Control Systems, Analog and Digital Circuitry/Schematics, Troubleshooting
- Switches, Routers, Taps, Spans, Fluidics, Vacuum, Pneumatics, Robotics, Liquid Handling, Optics, Printed Circuit Board and Printed Circuit Board Assembly manufacturing (PCB and PCBA)