

# Kumud Patel

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## **Summary:**

Quality Technician with excellent skills in incoming, in-process, final inspection and testing: Ability to work independently with varieties of suppliers to creatively solve problems and preempt issues. Experienced in interfacing with all levels of an organization to ensure work is completed on time.

## **Employment:**

### **Transmedics, Andover, MA**

Nov 2014-Nov 2016

#### *Senior Quality Technician*

- Responsible for source inspection of all Printed Circuit Boards for TransMedics Inc.
- Performed Incoming, In Process and Final Inspection of a variety of parts and sub-assemblies.
- Contributed to the weekly Quality Improvement Team metrics report on Inspection results.
- Provided training to temporary employees on Incoming Inspection documentation.
- Performed Medical Device Inspections while adhering to FDA and GMP guidelines.
- Conducts final inspection and is accountable for release of finished medical Devices (OCS Hardware, sterile perfusion sets and sterile solutions).
- Thoroughly and accurately completes and maintains inspection documentation in a neat and orderly fashion.
- First Article Inspection (FAI).
- Contributes towards continuous improvement with regards to Quality and efficiency.
- Perform other TransMedics tasks and duties as required.
- Hands-on experience using measuring tools such as calipers, micrometers, pin gages, optical comparator, and tensile tester.
- Team player with excellent verbal and written skills.

### **GE Healthcare, Wilmington MA**

2008-2014

#### *Senior Quality Technician*

- Perform Incoming/In-Process Inspection on mechanical/electrical components using standard inspection equipment such as Height Gauges, Dial Indicators, Calipers, Optical Comparators, etc.
- Complete and/or review Incoming, In-Process and Final Inspection documentation. (Component Inspection Folders, checklist, release forms, calibration data records etc.)
- Issue Non-Conformance Reports (NCR's) on Nonconforming parts and assemblies.
- Perform detailed review of Device History Records and labels as part of final inspection/release activities for finished product
- Review manufacturing records for replacement components/subassemblies
- Served as the QC Inspection department representative during multiple FDA inspections and several internal and business level audits
- Perform inspections as requested for Engineering and other departments. (First Articles and/or Courtesy inspections).

### **Transmedics, Andover, MA**

2006-2008

#### *Quality Technician*

- Responsible for source inspection of all Printed Circuit Boards for TransMedics Inc.
- Performed Incoming, In Process and Final Inspection of a variety of parts and sub-assemblies.
- Contributed to the weekly Quality Improvement Team metrics report on Inspection results.
- Provided training to temporary employees on Incoming Inspection documentation.
- Performed Medical Device Inspections while adhering to FDA and GMP guidelines.

### **Draeger Medical System, Danvers, MA**

2002-2006

#### *Q.C/Inspector/Test*

- Performed all facets of inspection from Kitting to Finish Device Inspection and mechanical parts.
- Tested a variety of Printed Circuit Boards using a Functional Board Tester and EPROM.
- Interfaced with suppliers providing detailed information on non-conforming material.
- Provided root cause analysis on non-conforming material for Engineering Group.
- Thoroughly inspected of prototype or first build boards for Engineering.

**Sonus Networks Inc., Littleton, MA** 2000-2002  
**Incoming and Final QC Inspector**

- Performed 100% Inspection of Printed Circuit Boards and Sub-Assemblies.
- Performed detailed inspection of Prototype Boards for Engineering.
- Prevented quality problems by source inspecting PCBA'S at Vendor sites (Jabil, ACT, Benchmark)
- Final inspection of PCBA'S and Chassis' ready for shipment.

**Pinpoint Corporation, Billerica, MA** 1999-2000  
**Incoming and Final QC Inspector**

- Inspected of bare boards and surface mounted boards utilizing IPC 610 standards.
- Assembled PCBA'S while using wire bonding and soldering and various hand tools.
- Maintained quality records with accurate and detailed results.

**Analog Corporation, Peabody, MA** 1998-1999  
**Final QC Inspector**

- Performed final QC inspection on surface mounted PCB'S
- Repaired work on surface mounted PCB'S, such as soldering touchup and wiring.
- Performed rework on boards while using hand and power tools.
- Completed production level inspection utilizing blueprints, process sheets and schematics.

**Siemens Medical System, Danvers, MA** 1995-1997  
**Assembler/ Inspector**

- Performed many functions in manufacturing producing assemblies for medical equipment.
- Completed Incoming Inspection of PCBA'S and cable and harness assemblies.
- Proficient in the use of printed circuit board machinery such as Royonics CS 400.
- Performed soldering and rework of surface mount components including fine pitch integrated circuits.

**Hewlett Packard, Andover, MA** 1994-1995  
**Rework and Inspection**

- Tested Prototype Boards using 3065 Tester equipment.
- Completed Incoming Inspections of PCBA'S and cable harness assemblies
- Reworked various types of surface mounted component boards.
- Performed soldering and assembly following blueprints, schematics and procedures.

**Gen Rad Corporation, Concord, MA** 1992-1993  
**Electro-Mechanical Assembler**

- Completed Mechanical assembly of cable harnesses which includes coaxial wire servicing, solder sleeve application, and sub-assembly collating.
- Performed SMT and through hole Inspection of PCBA'S.
- Reworked assemblies using various hands held and power tools.

**GE Aerospace, Burlington, MA** 1986-1991  
**Incoming/Final Inspector**

- Inspected PCB'S and cable assemblies.
- Performed rework of assemblies, such as solder touch-up, hand and mechanical crimping.
- Clean room environment inspection of assemblies and components.
- Worked with engineering on special Prototype SMT Boards ECO updates

**Education:**

Bodeli Arts and Commerce College, Bodeli, India – B.S. in Commerce

Middlesex Community College, Burlington MA- Course in ESL

Computer Training School, Lowell, MA - Microsoft Windows Software (Excel, Word)

**Skills:**

- Knowledge of software programs such as Excel, PowerPoint, and Word
- Strong knowledge of IPC 600
- Certified in solder application from GE Aerospace, Burlington, MA
- Certified in IPC 610 from Sonus Network, Littleton, MA
- Proficient in soldering for PCB repair and rework
- Trained & Certified in:
  - Hazardous Chemicals in the Workplace
  - Lead Safety Awareness
  - Electronics Safety
  - EHS Awareness
  - Good Documentation Practices