

FRANCES BRANDT

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Electronics Assembler/QC Inspector 30 years' experience in assembling, modifying, repairing and inspection of electronic equipment including computers, printed wiring boards, chassis, power supplies, harnesses, cables. Ensured quality units shipped to customer with thorough inspections completed for quality products.

Recognized by management for completing work accurately and on time and my ability to take problem-solving approach to disruptions in the work flow and maintain composure, effectiveness and efficiency under pressure. Willing to work overtime as required Works independently and within teams, with minimum or no supervision. Excellent written and oral communications skills.

CERTIFICATIONS:

- IPC-610-Acceptability of electronic assemblies
- IPC Specialist, J STD-001 Workman standard
- IPC Specialist, 7711/7721 - Rework and Repair of Electronic Assemblies.
- CRX-1550- Radiation Safety Training for X-Ray of BGA's.
- FOD Awareness
- Principles of Lean Manufacturing.
- FAA certified for field returns modifications and rework.

Technical Skills Include:

- Wrote Engineering change proposals for any discrepancies of drawings.
- Trained and mentored new employee's on how to navigate through computer programs, trained on x-ray machine and BGA removals to meet company standards.
- Modified PWB as per engineering modifications procedure using 34awg wire for jumpers, cut traces, added surface mount components
- Built prototype first article boards as per engineering instructions.
- Developed new assembly procedures resulting in time and cost savings to company.
- Incoming inspection of bare PWB and components as per purchase orders and bill of materials.
- Visited various vendors for source inspection ensuring quality of product from vendor.
- Removed and replaced Ball Grid Arrays (BGA) using DRS Airvac machine.
- Able to read and follow schematics and blue prints wiring diagrams test procedures.
- Able to use microscope for inspection along with **strong** soldering abilities for SMT components.
- Inspect components and coatings on PWB assemblies correct Revisions and

- software installed as per engineering drawings.
- Tested and calibrated units to be shipped also Hi-pot cables Focus laser diodes, trim resistors to be added to PWB

EXPERIENCE

2015 - PRESENT

ASSEMBLER, MOOG

Worked in plt 6 aircraft (class 3) on business jet. Build flap stabilizer boxes as per online guides. Also removed and replaced faulty components on PWB reapplied conathaine coating. RUR returns modify upgrades removed components by burning off coating and replace parts as per engineering instructions.

2011 - 2015

ASSEMBLER, TREK/TORRENT EMS

Assembled probes (class 3) as per engineering drawings using silver solder and using DVM for certain specifications. At sister company Torrent EMS assisted management in the hiring process screening applicants soldering skills and knowledge. Also, inspected and reworked PWB surface mount components with an automated optical machine. AOI using engineering Gerber files to set machine.

2006 - 2011

ASSEMBLER, NORTHROP GRUMMAN-AMHERST SYSTEMS

Assembled PWB (class 3) using engineering drawings with aid of microscope. Removed and Replaced BGA using Airvac machine. Teach new employees computer navigation. Worked with engineering with discrepancy of drawings.

2005 - 2006

ASSEMBLER, DRS EW & NETWORK SYSTEMS, INC.

(class3) Completed production by assembling, testing updating modifying reworking and repairing components. Units and assemblies in accordance with company standards, contract requirement safety guidelines. Also involved troubleshooting, developing new procedures, marking parts and monitoring government property controlling log.

2004 - 2005

CUSTOMER SERVICE SPECIALIST, WASHINGTON MUTIAL

Primary point of contact for customer via the telephone or computer. Answered incoming customer service inquiries and provided prompt responses to customers regarding their accounts. Explained the benefits of Washington Mutual's products and services to both new and existing customers in addition to upgrading existing accounts, as appropriate, Resolved customer complaints and problems and referral of complex inquiries to appropriate personnel.

2013 - 2014

COUPLER ASSEMBLY, HARRIS RF COMMUNICATIONS

Assembled military radios for the army. (class 3). Built prototype first piece PWB as per engineer instructions. Developed new process for assembly which saved time and gave more yield.

2002 - 2003

TECHNICIAN B, CONTEC

Repaired digital cable converters as per online guide, using a D.V.M. Checked voltages of power supplies, regulators crystals. Replaced any defective parts that would cause the converter to fail. 9000 Certified.

2000 - 2002

LEAD SOLDER 11, ESPEY MANUFACTURING

Assembled radar systems for Navy (MIL-STD 454, MIL-STD 2000) which included wire harnesses \ guides aligning cabinet slides, installing sub-assemblies into cabinet as per ECN and blue prints. Work with Engineering on a discrepancy of drawing that needed revision. Organized materials into areas and kept inventory of materials

2000 - 2002

FROM 1992 TO 2000 WAS A STAY AT HOME MOM.

1991-1992

LAB TECHNICIAN, SYNBOUL TECHNOLOGY

Focused Laser diodes for use in hand-held and console barcode scanning systems as per engineer drawing and specs. Used D.V.M. to set voltages

FROM 1987 TO 1991 WAS STAY AT HOME MOM.

1993-1997

QUALITY CONTROL GENERAL INSTRUMENT CORP.

Inspected various electrical and mechanical assemblies used in Radar Warning Receivers for the Navy. Workmanship was in accordance with MIL-STD-454 and MIL-STD-2000

1990-1995

QUALITY CONTROL UPA TECHNOLOGY

Inspected various electrical and mechanical assemblies. Incoming inspection of components and inspection of PWB with through-hole technology. Calibrated units to be shipped.

1979-1980

ASSEMBLER, VICON IND

Stripped wires and tinned. built harnesses for security cameras.

EDUCATION

JUNE 1979

DIPOLMA, PLAINVIEW OLD BETHPAGE HS

2002 TO 2003

DEGREE TITLE, MILDRED ELLEY

Courses completed: Trouble shooting I Trouble Shooting II Electricity Windows operating systems We Design HTML Software: Office 2000

ACTIVITIES

I love to help others. Attend church on Sundays , and love to garden.