Eric C Benzler

2131 E Deodar Ave

West Covina, CA 91791

626-332-3952

benzlere@verizon.net

Areas of Knowledge

AC/DC Circuits, Digital Electronics, Audio Amplifiers, Power Supplies and Inverters, reworking circuit boards

SUMMARY OF QUALIFICATIONS:

Electronics Test / Rework Technician. 15 years of professional experience as a electronics technician troubleshooting and upgrading, using test equipment to evaluate problem and repair to the component level. Experience with power supplies, inverters, micro-controllers, rf circuits and controllers.

Cameron (HKA)

May/2018 – Aug/2018

Electronics Test Technician

* Inspect boards before starting, visual defects, missing or rework damaged components, mount correctly
* Using oscilloscopes to check analog and digital circuits, mustimeters to measure for correct voltages.
* Perform thermal testing on passed boards, using procedure for different temperatures
* Separated failed boards, troubleshoot and rework on test station and determine problem.
* Rework boards and replace failed components, record parts replaced and place in re test.
* Solder parts and clean boards, inspect before re-test

Macys

Jan/2012 – Sep/2017

Bench Technician

* Receive equipment from stores, inspect and clean out
* Troubleshoot and rework stores equipment down to the component level.
* Using oscilloscopes to check analog and digital circuits, multi meters to measure for correct voltages.
* Rebuild units under test, inspect circuit board for damage and failed components
* Rework board solder both SMT and through hole components and clean circuit board of flux.
* Using procedure to test board and update procedure for any new failures.
* Post block diagram, schematic, and failure modes for unit under test.
* Install new firmware and test and calibrate, replace board if firmware failed.
* Rebuild Operating system on POS register and Lenovo computers, for Windows 7, Windows 8.1 and Windows 10
* Install firmware for units under test that require updates, and verify updates.
* Document all information into database, including parts used to be verified by Tampa Team.
* Test memory and hard drives for compatibility and hard drives for failures and install OS.
* Inspect Ganz DVR for defects, rework, visual defects on circuit board, test hard drive, replace if bad
* Format drive, install firmware and test cameras for each port and record for 24 hours.
* Rework NCR Monitors power boards replace bad capacitors, upgrade from CCFL to LED backlights.
* Burn in Monitors for 24 hours, measuring Lumens using test equipment.
* Using Excel VBA set up procedures to record and identify units under test and warranty information
* Bulk units from scrap, dismantled, reworked, identified, tested and placed into stock
* Rework and Test printers using test application, thermal printer, impact printer and check reader.
* Microscope used for surface mount components rework.

Units for test include

* IBM Printer,
* NCR Printer,
* NCR Register,
* NCR Monitor,
* Dell and Lenovo Computers,
* Metrologic scanners,
* Metrologic ScanPal,
* Power supplies from NCR Register and Lenovo Computer,
* Ganz DVR

Electronics Test / Rework Technician

Various agencies for short term projects,

* Visual inspection of boards for any defects, damaged components
* Test on test equipment installing firmware and verify testing Ok.
* Separate any failed boards, or rework replacing failed components.
* Rework done with rework soldering equipment and microscope
* Solder through hole and SMT components, clean and test
* Use of Scopes, multi meters for testing and troubleshooting.
* Testing using LABVIEW on automatic test equipment
* Prepare for Final Test.