

Brianna Castillo

Test Technician

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📍 Austin, TX

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Summary

Test Technician with 4 years running functional and burn-in tests on server and networking hardware. Reads electrical schematics and wiring diagrams, sets up instrumentation, and handles troubleshooting with oscilloscopes and multimeters. Brings attention to detail to every test record and failure report.

Experience

Test Technician

07/2023 - Present

Hill Country Compute Systems

Austin, TX

Server and storage hardware builder with 600 employees.

- Run functional and burn-in tests on **150+** server systems a week against customer test plans.
- Repair failed units after troubleshooting with oscilloscopes and multimeters, returning 85% to the line within one shift.
- Set up instrumentation and thermal chambers for 20 engineering validation builds, logging results in Excel.
- Document failure modes in Word reports that helped engineers retire 4 recurring defects in 2025.

Electronics Test Technician

03/2022 - 06/2023

Round Rock Assembly Services

Round Rock, TX

Contract manufacturer of cable assemblies and power modules.

- Tested **300** cable assemblies and power modules a week using hand tools, fixtures and electrical schematics.
- Calibrated test fixtures weekly and caught 3 drifting load cells before they affected shipped product.
- Reorganized fixture layout at 2 test stations, reducing average test cycle time 15%.
- Trained 5 new operators on test procedures and ESD handling.

Electronics Assembler (Part-Time)

01/2020 - 02/2022

Capital Area Circuits

Austin, TX

Part-time job on an LED driver board line while in college.

- Assembled **60** LED driver boards per shift, following work instructions and ESD rules.
- Ran visual inspection and continuity checks, flagging 1.5% of boards for rework.
- Earned the night-shift lead role after 9 months, covering breaks for 6 assemblers.
- Prepared parts kits for 4 board models, cutting line stoppages from shortages to near zero.

Education

Associate of Applied Science

12/2021

Austin Community College

Austin, TX

Electronics Technology

Skills

- Troubleshooting
- Oscilloscopes
- Multimeters
- Instrumentation
- Wiring Diagrams
- Electrical Schematics
- Hand Tools
- Excel
- Word
- Attention to Detail

Certificates

IPC-A-610 Certified IPC Application Specialist

05/2023

IPC