

Amanda Price

Electrical Assembler

Electrical assembler with 4 years building industrial control panels and switchgear from electrical schematics and wiring diagrams. Mounts electrical components, terminates and labels wiring, and runs point-to-point checks with a multimeter before 3 panels a week go to test.

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Experience

Electrical Assembler

Carolina Controls & Panels • Charlotte, NC • 05/2023 - Present

UL 508A panel shop building controls for water, packaging and HVAC customers.

- Build **3** industrial control panels a week, from backplate layout to final wire termination.
- Terminate and label 400+ wires per panel from wiring diagrams, with a 99% first-pass rate at test.
- Install PLCs, drives, breakers and relays, torquing every lug to the manufacturer's spec.
- Catch 20+ wiring errors a quarter with point-to-point checks before customer acceptance tests.

Assembler

Queen City Switchgear • Charlotte, NC • 01/2022 - 04/2023

Builds low-voltage switchgear for commercial buildings and data centers.

- Performed electrical assembly of 480V switchgear sections, routing bus and control wiring for 60 units.
- Crimped and soldered control harness connections, passing inspection on 98% of builds.
- Cut, stripped and bundled control wiring with hand tools and power tools for 15 sections a week.
- Assembled 25 door control harnesses a week from wiring diagrams, labeling both ends of every wire.

Electrician Helper

Mecklenburg Electric Service • Charlotte, NC

06/2020 - 12/2021

Commercial electrical contractor; part-time while in school.

- Pulled wire and bent conduit on 12 tenant fit-out jobs with a journeyman electrician.
- Staged breakers, fixtures and devices for each job from the material list.
- Tested 300+ receptacles and circuits with a multimeter before final inspection.

Skills

Electrical Schematics

Wiring Diagrams

Electrical Assembly

Electrical Components

Wiring , Soldering

Hand Tools , Power Tools

Multimeter

Problem-Solving

Education

Diploma

Central Piedmont
Community College

Charlotte, NC

12/2021

Electrical Systems Technology

Certificates

NFPA 70E Electrical Safety Training

National Fire Protection
Association

06/2023