Brandon Pruitt

Industrial Electrician

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SUMMARY

Industrial electrician with 7 years in plastics and steel plants, working 480V power, PLCs and VFDs on 24/7 production lines. Diagnoses faults on Siemens S7 PLCs, rebuilds motor controls from electrical schematics and cut average downtime per call from 95 to 40 minutes. Holds an AAS in industrial electronics and NFPA 70E training.

EXPERIENCE

Industrial Electrician

05/2022 - Present

River Bend Polymers

Decatur, AL

Electrician on a 24/7 plastics compounding plant with 11 extrusion lines.

- Diagnose faults on Siemens S7 PLCs and HMIs, cutting average downtime per call from 95 to **40** minutes.
- Replace and program VFDs on extruder and conveyor motors up to 300 HP, about 25 drives a year.
- Rebuild motor controls in 480V MCC buckets using electrical schematics and ladder logic printouts.
- Perform electrical troubleshooting on heater zones, thermocouples and 4-20 mA loops on night and weekend shifts.

Electrician

08/2019 - 04/2022

Wheeler Point Steel Fabrication

Huntsville, AL

Plant electrician at a structural steel fabricator with 220 employees.

- Wired 6 robotic welding cells from blueprints and brought each one online on schedule.
- Maintained industrial electrical systems including a 2,000 kVA substation, MCCs and overhead crane controls.
- Completed infrared scans on 140 panels each quarter and repaired hot spots before they failed.
- Trained 3 mechanics on lockout/tagout and safe meter use, using hand tools and test leads rated for the job.

SKILLS

PLCs • VFDs

Motor Controls

Electrical Schematics

Electrical Troubleshooting

Siemens S7

Industrial Electrical Systems

Blueprints • Hand Tools

Problem-Solving

EDUCATION

Associate of Applied Science

05/2019

Calhoun Community College

Tanner, AL

Industrial Electronics Technology

CERTIFICATES

NFPA 70E Arc Flash Safety Training

National Fire Protection Association

02/2024

OSHA 10-Hour General Industry

OSHA Training Institute

09/2019