



Legend Blake

Controls Electrician

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SUMMARY

Dedicated Controls Electrician passionate about troubleshooting and repairing industrial electrical systems. Over three years of hands-on experience with PLCs, 480V three-phase motors, VFDs, and diverse production machinery. Adept at performing preventative maintenance while ensuring compliance with GMP standards. Strong problem-solver committed to enhancing operational efficiency through teamwork and collaboration. Possesses a keen interest in continued learning and improving skills relevant to fast-paced environments. Eager to contribute expertise and technical knowledge in a thriving maintenance team focused on reliability and sustainability.

STRENGTHS

- 🔧 **Effective Troubleshooting**
Diagnosed complex electrical problems swiftly, regaining operational stability and gaining managers' trust.
- 🛡️ **Safety Compliance**
Prioritized safety in all tasks, strengthening team culture around workplace safety and protecting everyone.
- ⚡ **Electrical Systems Knowledge**
Possessed deep understanding of electrical systems, supporting effective interventions and guiding team discussions.
- 👥 **Team Collaboration**
Fostered strong bonds among teammates, becoming a go-to resource for solving technical challenges together.
- 📖 **Continuous Learning**
Engaged in ongoing education to adapt to technology advancements, enhancing personal growth and organizational value.

SKILLS

PLC Troubleshooting

Electrical Systems Maintenance

Preventative Maintenance

Blueprint Interpretation

Team Collaboration

GMP Compliance

Hydraulic Equipment Repair

Pneumatic System Troubleshooting

EXPERIENCE

Controls Electrician

TechWorks Solutions 📅 January 2023 - Present 📍 Chicago, IL

As a Controls Electrician, plays a vital role in maintaining and repairing critical electrical and control systems across high-speed baking and packaging facilities. Ensures efficient operations by implementing effective troubleshooting strategies and best practices in preventive maintenance.

- Spearheaded electrical troubleshooting for various production equipment, minimizing downtime and enhancing operational reliability.
- Executed preventative maintenance protocols on electrical, pneumatic, and hydraulic systems, significantly reducing unplanned outages.
- Collaborated seamlessly with maintenance technicians to address complex issues in high-speed packaging machinery, including mixers and fillers.
- Mastered reading and interpreting electrical blueprints and schematics, which facilitated accurate wiring and system modifications.
- Ensured strict adherence to GMP standards through safety protocols and by maintaining a clean, organized workspace.
- Utilized personal tools and test equipment effectively to ensure safe completion of maintenance tasks, promoting workplace accountability.

Maintenance Technician

ElectroMech Services 📅 June 2021 - December 2022 📍 Aurora, IL

Contributed as a Maintenance Technician, providing essential support for the regular upkeep and repair of diverse industrial equipment. Engaged in collaborative efforts to bolster machine reliability and overall performance through maintenance excellence.

- Conducted routine maintenance and repairs on a range of industrial equipment, enhancing functionality and ensuring compliance with safety standards.
- Assisted in troubleshooting PLCs and electrical systems, leading to better response times and reduced overall machine downtime.
- Collaborated with cross-functional teams to support ongoing projects and schedules, enabling a cohesive approach to operations.
- Documented all maintenance activities and communicated equipment status to management, contributing to strategic planning initiatives.
- Acquired hands-on experience with food production equipment, honing skills in both operation and troubleshooting.
- Participated in training sessions, enhancing technical knowledge and keeping pace with emerging technologies in electrical maintenance.

Electrical Technician

Industrial Power Solutions 📅 March 2020 - May 2021 📍 Schaumburg, IL

Engaged as an Electrical Technician, focusing on installing and repairing electrical systems within industrial applications while prioritizing safety and quality diligence.

- Supported installation and repair efforts for electrical systems in various settings, ensuring adherence to the highest safety and quality standards.

Electrical Wiring Safety Protocols
Production Machinery Operation
Building Automation Systems
VFD Repair HVAC Maintenance
Industrial Wiring Techniques

LANGUAGES

English Native

Spanish Intermediate

MY CAREER



- Controls Electrician at TechWorks Solutions (3.5 Years)
- Maintenance Technician at ElectroMech Services (1.5 Years)
- Electrical Technician at Industrial Power Solutions (1.2 Years)

- Participated in troubleshooting for three-phase motors and VFDs, significantly enhancing the team's operational efficiency.
- Engaged in continuous learning related to HVAC maintenance and boiler operations, boosting adaptability across diverse maintenance tasks.
- Implemented necessary wiring modifications for control panels, effectively improving overall system performance.
- Followed stringent safety protocols in alignment with GMP requirements, maintaining compliance with industry best practices.
- Contributed actively in meetings, sharing valuable insights and lessons learned from peers to foster a supportive work environment.

LEADERSHIP & AWARDS

- Dean's List, Chicago Technical Institute, 2020
- Outstanding Student in Electrical Technology Award, 2020

EDUCATION

Certificate in Industrial Electrical Technology

Chicago Technical Institute 🎓 GPA: 3.8 📅 2020 📍 Chicago, IL

Coursework: *Electrical Principles, Basic Wiring, Control Systems, Programmable Logic Controllers*

CERTIFICATIONS

- PLC Programming Certification 📅 2021
- OSHA 30-Hour Safety Certification 📅 2022

TECHNICAL SKILLS

- **Control Systems:** PLC Design, Automation Solutions, Control Panel Wiring
- **Electrical Safety Standards:** OSHA Standards, NFPA Compliance, ANSI Regulations
- **Diagnostic Tools:** Multimeter, Oscilloscope, Megger
- **Pneumatic Systems:** Compressors, Actuators, Valves
- **Hydraulic Equipment:** Hydraulic Pumps, Motors, Cylinders
- **Welding Skills:** TIG Welding, MIG Welding, Electrode Selection
- **Machinery Components:** Bearings, Gearboxes, Drives
- **Maintenance Management:** Scheduled Maintenance, Work Orders, Inventory Management
- **Automation Equipment:** VFDs, Servo Motors, Sensors
- **Technical Documentation:** Blueprints, Schematics, Manuals

PROFESSIONAL AFFILIATIONS

- Member, National Electrical Contractors Association
- Volunteer, Habitat for Humanity

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST