

# HARPER LEWIS

## Lead Electrical Controls Technician

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### PROFESSIONAL SUMMARY

Accomplished Lead Electrical Controls Technician with over 10 years of expertise in designing, implementing, and optimizing complex electrical control systems. Proven track record in enhancing system performance and reliability through innovative solutions and strict adherence to safety protocols. Committed to driving operational excellence and fostering continuous improvement in dynamic environments.

### WORK EXPERIENCE

#### Lead Electrical Controls Technician

📅 Mar / 2019-Ongoing

Seaside Innovations

📍 Santa Monica, CA

1. Designed, installed, and optimized automated control systems, ensuring peak performance and reliability.
2. Conducted thorough troubleshooting of PLCs, VFDs, and other control devices to maintain operational efficiency.
3. Developed and maintained detailed electrical documentation, including ladder diagrams and wiring schematics.
4. Executed scheduled calibrations and preventive maintenance to uphold system integrity and compliance.
5. Collaborated with cross-functional teams to implement process improvements, enhancing production capabilities.
6. Managed electrical installations and upgrades, ensuring adherence to industry standards and safety regulations.
7. Provided mentorship and training to junior technicians, fostering skill development and knowledge sharing.

#### Electrical Controls Technician

📅 Mar / 2015-Mar / 2019

Summit Peak Industries

📍 Denver, CO

1. Oversaw the maintenance and troubleshooting of electrical control systems across multiple production lines.
2. Analyzed system performance data to identify areas for improvement and implement effective solutions.
3. Coordinated with contractors and vendors for timely procurement and installation of electrical components.
4. Ensured compliance with all electrical safety regulations and best practices throughout operations.
5. Conducted root cause analysis for system failures, implementing corrective actions to prevent recurrence.
6. Facilitated regular safety audits and training sessions to promote a culture of safety and efficiency.

### EDUCATION

#### Bachelor of Science in Electrical Engineering

📅 Mar / 2012-Mar / 2015

University of Michigan

📍 Phoenix, AZ

Focused on electrical systems design, control systems, and automation technologies.

### SKILLS

Expertise In Plc Programming And Robot Logic

Electrical Testing

Preventive Maintenance

Ac/dc Circuits

Progress bars for skills: Expertise In Plc Programming And Robot Logic (100%), Electrical Testing (80%), Preventive Maintenance (90%), Ac/dc Circuits (100%)

### ACHIEVEMENTS

- ★ Reduced system downtime by 25% through implementation of proactive maintenance strategies.
- ★ Led a project that improved control system efficiency by 30% while maintaining safety standards.
- ★ Streamlined the calibration process, resulting in a 15% decrease in operational costs.