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JOURNEYMAN INDUSTRIAL ELECTRICIAN WITH PROFESSIONAL EXPERIENCE SPECIALIZING IN INDUSTRIAL & MANUFACTURING

SUMMARY OF SKILLS

A highly trained, self-directed, and conscientious electrician with comprehensive experience in a variety of industrial environments. Results-oriented individual with strong qualifications in safety and regulatory compliance, and risk management/avoidance. Adopt 5S procedure. Working under fast-paced, high-volume, time-sensitive conditions; ability to manage multiple responsibilities simultaneously, successfully resolve issues, and consistently exceed established goals and objectives. Team player acknowledged for capacity to thrive in both independent and collaborative work environments; propensity to establish and maintain solid relationships with co-workers, clients, contractors, and management. Quick learner, with capability to easily grasp and apply new ideas, concepts, methods, and technologies. Exceptional investigative, analytical, troubleshooting, and problem-solving skills.

CORE STRENGTHS

- Team-oriented leader
- Self directed
- Effective time management
- Energy management
- Planning and developing
- Quality control
- Diagnose/troubleshoot problems
- Millwright support
- Automated control system
- Operations maintenance
- OSHA regulatory compliance
- Electrical maintenance & support
- Power generator/distribution
- Project management
- Budgeting and scheduling

EDUCATION

- ❑ Industrial electrician Red Seal Certificate.
- ❑ Electronic Engineering Technician Diploma.
- ❑ AutoCAD Mechanical Drafter Certificate.
- ❑ Electrical / Electronics Skill Certificate.
- ❑ High School Diploma.

SAFETY TRAINING CERTIFICATION

- ❑ OSSA Fall Protection Completed: Feb 21, 2019.
- ❑ H2S alive Completed: Feb 14, 2019.
- ❑ First AID & CPR Completed: Jan 18 2019.
- ❑ CSTS-09 Completed: March 22, 2013.
- ❑ Work Place Safety Group Due Diligence Completed: December 2008.
- ❑ Industrial Accent Prevention Completed: January 2007.
- ❑ WSIB Joint Health & Safety Completed February 2007.

PROFESSIONAL EXPERIENCE

Journeyman Electrician July, 2015 – Feb, 2019
Contract based on call
Edmonton, Alberta

- ❑ Reads and interprets drawings, blueprints, schematics and electrical code specifications to determine layout of industrial electrical equipment installations.
- ❑ Pend EMT conduit, install junction box, and feed wires as required CSA electric code.
- ❑ Installing central air-condition unit lights fixture and display lights new business stores and restaurants.
- ❑ Adding new receptacle and 3-way switch as per customer required.
- ❑ Change and adding circuit breaker distribution panel.
- ❑ Installing and wiring surveillance security CCD camera.
- ❑ Installing and run cable entertainment audio and video.

Journeyman Electrician April, 2015 – July, 2015
West Edmonton Mall
Edmonton, Alberta

- Identify Assess and control hazard disconnecting live circuit and use lockout-Tag out procedure.
- Reads and interprets drawings, blueprints, schematics and electrical code specifications to determine layout of industrial electrical equipment installations.
- Installing and wiring surveillance security CCD camera.
- Install wireless router and run network cable.
- Response calls any electrical problems from business store at the mall.
- Inspect loose connection, replace damage wire and deteriorated solid-state component.
- Replacing high pressure sodium lights, florescent lights, ballast, circuit breakers, and emergency exit lights.
- Measure, cut and bend EMT or Rigid conduit for new receptacle, lights and switches inside and outside mall.
- Measure, cut and run new cable CAT5 and CAT6 for security camera.
- Work with all tradesmen for electrical modification issue as required.
- Weekly run and inspection fire pump, emergency backup generator, if any issue report immediately to supervisor.
- Fixing electrical problems fire pump and emergency backup generator as first priority at the mall.
- Daily inspection central fire alarm system, determine alarm zone, disable and unable temporarily for construction.

Journeyman Electrician April, 2013 – Jan, 2015
Maple Leafs Poultry
Edmonton, Alberta

- Reads and interprets drawings, blueprints, schematics and electrical code specifications to determine layout of industrial electrical equipment installations.
- Installs, examines, replaces or repairs AC/DC Motors and VFD, PLC's, 120V power, 240V, 600V control circuits, 4160 volt switchgear, transformers, motors, starters, relays and hydraulic and pneumatic electrical controls.
- Perform safety lockout procedure and discharge energy stored devise before fixing equipments.
- Tests electrical and electronic equipment and components for packaging equipments perform weekly PM and take corrective action.
- Tightening loose connection, replace damage wire and deteriorated solid-state component.
- Installs, examines, replaces or repairs electrical wiring, receptacles, switch boxes, conduits, feeders, fiber-optic, coaxial cable assemblies, RJ45 network cable, security gate, lighting fixtures and other electrical components.
- Sizes and installs electrical circuits including panels, wire size, conduit, protective devices, switches, and related equipment needed to comply with the CEC and CSA.
- Quickly repairs electrical failures and replace parts where production time is frequently affected.
- Perform modifications of electrical process control HMI system commissioning, troubleshooting, start-up and changeover programming.
- Replace fault sensors, pneumatic solenoid valve, thermo couple, and fault indicator display.
- Write a note electrical communication log book the status equipment for carry on other shift maintenance electricians and Millwrights.
- Monitor and track downtime in an effort to conduct root-cause analysis for improved equipment uptime and reliability.

Journeyman Electrician Sept, 2005 – April, 2013
AZZ Blenkhorn & Sawle
St. Catherine, Ont.

- Read and interpret blue prints and electrical code specifications to determine wiring layouts.
- Assemble HV switchgear GE, Cutler Hammer, ABB & control panel according to design specification.
- Install & wire HV Transformer 45 KVA and above, CT, PT and Lighting Arrester.
- Oversaw and participated in the setting and wiring of new switchgear and distribution panels.
- Terminate and numbering wires all electrical devices as per schematic.
- Install fusses and overload current devices according to Canadian Electrical Code.
- Plans and manages tasks independently.
- Documents any problems or additional observations appropriately and corrects whatever is possible.
- Plan and organizes work properly and prioritizes effectively.
- Provide coaching and guidance to more junior team members.
- Test continuity of circuits using test equipment to ensure safety of the equipment.
- Perform good workmanship at a satisfactory rate.
- Perform regular inspection of plant equipment including emergency lighting, grounding systems, press operating systems.

Maintenance Electrician Aug, 2002- Sept, 2005
Power Packaging Inc.
Mississauga, Ont.

- Response calls from supervisors for machine problem and fix it in time minimize down time.
- Perform modifications of electrical process control PLC system from installation, commissioning, troubleshooting, start-up and changeover programming.
- Replace fault sensors, pneumatic solenoid valve, motors, thermo couple, and fault indicator display.
- Troubleshoot problems in complex automated systems including pneumatic, electrical, electronic, hydraulic and mechanical components and contact system vendors for seeking repair the problems.
- Communicate status of machine of appropriate machine and supervisor production personnel.
- Document corrective maintenance in accordance with Standard Operating Procedures.
- Conducted equipment and component inspections, functional checks, and preventive maintenance PM.

Quality Assurance Nov, 2000 – Aug, 2002
AZZ Blenkhorn & Sawle
St. Catherine, Ont.

- Measure dimension, cut-out and holes of control panel and cabinet according drawing during fabrication.
- Measure paint thickness as per design specification.
- Check component location part number, wiring number, wiring gage and wiring color code as per engineering drawing include bill of materials.
- Check point-to-point wiring, test Meggar 500Vdc control panel.
- Test Hi-pot and corona switch gear and record measurements.
- Write non-conformance report NCR, engineering change note ECN and rectification sheet as per ISO, CEC, CSA.
- Write test result report and generate rectification document to conclude pass or reject.