



Posting Number:		Department:	
Reports to:	Maintenance Supervisor	Shift:	Day Shift
Location:	Oakville	Review Date:	February 2025

Job Profile:

The Electrician is responsible for the installation, maintenance, troubleshooting, and repair of electrical systems and components within the facility. This includes working with industrial equipment, wiring, lighting, and control panels to ensure safe and efficient operation. The role requires adherence to safety regulations and electrical industry standards while working in a dynamic and occasionally hazardous environment

Critical Success Factors:

Health and Safety: Total compliance with all Company Health and Safety Rules including but not limited to wearing all prescribed and applicable PPE; 100% equipment audit compliance; Training certificate in all applicable Safe Work Instructions

Quality: Produce a consistent quality product in conformance to the ITP and in accordance with relevant work instructions to achieve the stated quality goals and objectives.

Asset Management: Maintain the assigned equipment in good working order and conduct the prescribed preventative maintenance; report all concerns as they relate to equipment performance, people safety and process control. Including preventative maintenance, greasing of rollers, etc.

Attendance & Professionalism: Cumulative operator absence in this position must not be greater than 16 hours of unexcused absences within a six-month period and must not receive a discipline level of written warning or greater while in this position

Goals & Objectives:

- Maintain a scrap factor that is less than .05% of all products produced by mass at this manufacturing station.
- Maintain a minimum schedule adherence to plan of 100% of the attainment metrics below unless there is a breakdown.

Primary Responsibilities:

Electrical Maintenance & Repairs

- Install, troubleshoot, and maintain electrical wiring, equipment, and fixtures.
- Ensure all electrical components function correctly and meet industry safety standards.
- Respond to breakdowns and electrical failures to minimize downtime.
- Perform routine inspections and preventative maintenance on electrical systems.
- Diagnose and resolve electrical issues, ensuring the integrity of safety and control systems.
- Conduct repairs on industrial machinery, including mixers, aggregate bins, and batch plants.

Installation & Project Work

- Install new electrical systems, including conduits, control panels, and power distribution systems.
- Design and fabricate safety circuits and make necessary changes to existing equipment.
- Read and interpret blueprints, schematics, and electrical drawings for equipment installation.
- Work at heights using ladders, scissor lifts, or zoom booms to repair lighting and electrical infrastructure.

Troubleshooting & Diagnostics

- Use measuring tools such as voltmeters, calipers, and micrometers for accurate diagnostics.
- Troubleshoot mechanical, pneumatic, and hydraulic systems associated with electrical components.
- Access and service electrical control panels, including in confined spaces such as tunnels.

Safety & Compliance

- Ensure compliance with electrical codes, company policies, and safety procedures.
- Identify hazards and take appropriate corrective actions to mitigate risks.
- Use appropriate Personal Protective Equipment (PPE) such as insulated gloves, eye protection, and flame-retardant coveralls.
- Participate in shift meetings and report maintenance concerns.

Other Duties

- Assist other tradespeople with equipment installation and commissioning.
- Perform predictive maintenance and parts sourcing as required.
- Maintain documentation related to electrical work performed.

Qualifications:

- Licensed Industrial Electrician (442A) or Construction & Maintenance Electrician (309A)
- Electrical Trade Certification (Ontario College of Trades)
- Strong understanding of the Ontario Electrical Code (OEC) and workplace safety regulations

All interested applicants must complete an “Application for an Open Position” and deliver to Human Resources. This posting is valid up to and including _____

Experience:

- Previous experience in an industrial or manufacturing setting preferred
- Experience working with high-voltage systems and PLCs (Programmable Logic Controllers) is an asset
- Knowledge of electrical industry standards and project management principles

Technical Skills:

- Proficiency in reading and interpreting electrical blueprints, schematics, and diagrams
- Strong troubleshooting skills in electrical and mechanical systems
- Experience using diagnostic tools such as voltmeters and oscilloscopes
- Ability to install and maintain industrial lighting and power distribution systems

Physical Requirements:

- Ability to lift and carry tools, parts, and equipment up to 20 kg
- Ability to work in confined spaces, at heights, and in varying environmental conditions
- Frequent standing, walking, bending, kneeling, and climbing ladders

Work Environment:

- Work performed indoors and outdoors, with exposure to dust, noise, and industrial machinery
- Use of scissor lifts, ladders, and zoom booms for elevated work
- Weekend overtime and on-call responsibilities may be required