CONCAST

JOB DESCRIPTION
ELECTRICIAN

Incumbent:	TBD	**Department:**	Maintenance
Reports to:	Maintenance Supervisor	**Title:**	Electrician
Location:	Guelph	**Review Date:**	July 2026

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

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.

Required Skills and Attributes:

• 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

- Working in a manufacturing environment and all-weather outdoor conditions
- Exposure to hazards associated with the industry and trade
- Physical activities will consist of sitting, standing, ladder climbing, stair climbing, bending and twisting. Extended periods of standing and other potentially physically demanding conditions
- Normal working hours consist of Day Shift, Monday to Friday, however overtime may be required from time to time to accommodate business requirements. Subject to change based on organizational demand.

Approvals (name / signature)			
Manager:		**Date:**	
Director:		**Date:**	
Human Resources		**Date:**	

Artificial Intelligence (AI) Disclosure:
Please note that CONCAST does not use artificial intelligence as part of the screening, assessment and selection process.
Vacancy Status Disclosure: This job posting is for an existing vacancy within our organization.

Employee Acknowledgement:

I have read this Job Description and reviewed it with my Human Resources representative and/or my Direct Supervisor.

I understand and accept the outlined requirements and recognize that alterations may be required as business conditions and needs change.

Signature:		**Date:**	

Concast is an equal opportunity employer, and we are committed to establishing a qualified and diverse workforce. We are committed to accommodating applicants with disabilities throughout the recruitment and selection process, in accordance with the *Accessibility for Ontarians with Disabilities Act (AODA).* Should you require disability-related accommodation to participate in our recruitment process, please contact Human Resources. Any information received relating to accommodation will be addressed confidentially.

Applications from qualified candidates and/or questions, comments or related feedback from employees should be sent to Human Resources @ HR@concastpipe.com