

CITY OF HAMILTON**PUBLIC WORKS DEPARTMENT****(ENERGY, FLEET & FACILITIES DIVISION – FACILITY MAINTENANCE & CAPITAL PROGRAMS – LOCATION – 64 Melrose Ave. N.)****FACILITY MAINTENANCE ELECTRICIAN – TIM HORTONS FIELD- CUPE 5167****SUMMARY OF DUTIES**

Report to the Sports & Entertainment Facilities Supervisor. Maintains, adjusts repairs, troubleshoots, and replaces electrical equipment and electrical components in building systems. Maintain all electrical services, supply systems, and equipment associated with Tim Hortons Field, and Shop equipment throughout the stadium property. Performs all operational and basic predictive and preventative electrical maintenance duties. Operate hand and power tools. Adjust air handling system controls to maintain environmental conditions. Operate measuring instruments. Oversee contractors on site. Work within all applicable Health & safety legislation and City of Hamilton policies.

GENERAL DUTIES

Maintains, adjusts, repairs, and replaces electrical equipment and electrical components in building systems. Maintain all electrical services, supply systems, and equipment associated with Tim Hortons Field, and Shop equipment throughout the stadium property. Performs all operational and basic predictive and preventative electrical maintenance duties.

Replace light fixtures, ballasts & bulbs, install GFCI circuits, trace circuits, investigate & troubleshoot electrical issues, run electrical conduit and wiring, replace fuses, replace pump & motor starters & their components, replace disconnects and panels. Run wiring to temporary pumps and pump replacements.

Troubleshoot wiring continuity and sensor integrity in Security & Fire Systems and suggest repairs.

Troubleshoot AV equipment and electronics and make repairs as needed.

Conduct scheduled and unscheduled maintenance and repairs of mechanical equipment such as furnaces, boilers, heat pumps, cooling towers, humidifiers, circulating pumps, exhaust fans and air handling units.

Prepare plans and prioritize required equipment.

Monitor and test building safety devices such as emergency lighting, fire, and alarm systems.

Perform repairs to deficiencies that have been identified by the Electrical Safety Authority inspector.

Perform electrical repairs and troubleshooting as it pertains to equipment.

Repair all Stadium indoor and outdoor lighting.

Perform various minor multi trade repairs such as carpentry, plumbing, and HVAC.

Operate hand and power tools such as electric drill, electric tube cleaner, hammer and wrenches.

Operate measuring instruments such as multimeter and various electrical measuring tools.

Perform housekeeping duties in mechanical rooms such as cleaning and painting.

Oversee work of contractors.

Install electrical systems such as ballasts, panels, outlets and switches.

Work in accordance with the provisions of applicable Health and Safety legislation and all City of Hamilton corporate and departmental policies and procedures related to Occupational Health and Safety.

Work in accordance with requirements set out by the Electrical Safety Authority (ESA) and in response to ESA reports.

Perform other duties as assigned which are directly related to the major responsibilities of the job.

QUALIFICATIONS

1. Must have a valid Ontario Trade License as a Construction and Maintenance Electrician (309A) with a considerable experience in Facilities Maintenance working as a licenced electrician in commercial and institutional buildings.
2. Technical knowledge required pertaining to mechanical equipment (HVAC:boilers, furnaces, heat pumps, gas fired roof top units, cooling towers, chillers, generators, compressors, large air conditioning & refrigeration systems, etc) and building systems (electrical, plumbing, life safety, etc). This includes previous experience in operation, maintenance, repair, and replacement of components of these systems.
3. Must have experience and qualifications to work on control and power AC/DC electrical systems up to 750 V. and electronic systems, with demonstrated ability to repair and maintain various types of equipment and buildings.
4. Strong computer skills (Outlook, Word, Excel) including knowledge of computerized H.V.A.C./BAS systems and associated controls, components and software and experience with a CMMS work order system such as ARCHIBUS, would be considered an asset.
5. A valid license/certificate as one or more of the following preferred: Master Electrician, BAS certificate, Refrigeration and Air Conditioning Mechanic, Millwright and/or Gas Fitters certificate.
6. Depending on location, as a condition of employment, the successful applicant may be required to obtain a satisfactory Criminal Reference Check/Vulnerable Sector Screening and all clearances required by the RCMP.
7. Previous related experience in maintaining chillers, boiler compressors, diesel and gas generators, and main air handlers mandatory.
8. Demonstrated knowledge of asbestos awareness and removal.
9. Must have knowledge of appropriate authority safety rules.
10. Ability to work independently prioritizing changing demands and requests and executing with minimal supervision to achieve best possible outcome. Strong interpersonal and communication skills to relate and respond readily to front line staff, City departments and the general public.
11. Must be able to communicate effectively, both verbally and in writing.
12. Must have a valid Class "G" driver's Licence and the provision of a car by individual for use on the job.
13. Demonstrated ability to repair and maintain various types of equipment at Tim Hortons Field. Manage, operate and maintain gas/air compressor and generation systems, etc.

THIS POSITION REQUIRES A VALID CLASS "G" DRIVER'S LICENCE AND PROOF THEREOF IS REQUIRED AFTER HIRE

THE INCUMBENT SHALL COMPLY WITH ALL HEALTH AND SAFETY POLICIES AND PRACTICES FOR THIS POSITION AND THE WORKPLACE. * * * * *