



Building Operator/Electrician

Toronto Pan Am Sports Centre is a world-class sport and recreation venue that proudly hosted the international community for the Pan Am and Parapan Am Games. The facility is also an amazing place to join hundreds of professionals who look to develop their career in an exciting and rewarding environment.

A legacy of the 2015 Toronto Pan Am and Parapan Am Games, Toronto Pan Am Sports Centre (TPASC) is operated by a corporation co-owned by the City of Toronto and the University of Toronto. The world-class facility is the largest sport new-build for the Games and the largest infrastructure investment in Canadian amateur sport history. TPASC delivers extensive programming that serves recreational and community groups, university students, high performance athletes, as well as fitness centre clientele. The building's 312,000 square-foot includes two internationally sanctioned 10-lane 50-metre pools, a world-class dive pool and dry-land dive training facilities, a four-court gymnasium, a rock climbing wall, an indoor running track, conditioning rooms, a high performance testing centre, studio spaces, and a state-of-the-art fitness centre for members. The Canadian Sport Institute Ontario (CSIO) is located at TPASC and provides world-leading sport science and sport performance services. TPASC opened to community users, University of Toronto faculty, staff and students, City of Toronto program users and high performance in September 2014. For more information visit www.tpasc.ca

The building earned LEED gold and has state-of-the-art mechanical and electrical equipment including a geothermal plant, green roofs and a large solar panel installation.

TPASC is currently seeking a **Building Operator/Electrician** to assist in our Building Operations department on a regular, full time basis.

The Building Operator/Electrician will be responsible for the day-to-day maintenance operation of the building which includes pools, gymnasiums, indoor running track and state-of-the-art facilities for high performance training and sports medicine, and surrounding outdoor property and parking equipment.

The Building Operator/Electrician will be required to perform complex preventative maintenance and corrective repair of buildings, industrial systems, electrical systems and equipment. Working under limited supervision, the Building Operator/Electrician will monitor building system operations and performance and take care of electrical work orders. As required, the Building Operator/Electrician will assist in overseeing the work of several trade skills such as carpentry, plumbing, electrical, painting, roofing, tiling, landscape and green roof maintenance, and heating and cooling. The Building Operator/Electrician will also assist in managing any contracted work within the building.

Under the supervision of the Assistant Managers of Building Operations, the duties and responsibilities of the Building Operator/Electrician include, but are not limited to, the following:

- Perform assigned skilled and semi-skilled tasks in the installation, operation and repair of mechanical, electrical and building equipment;
- Read and interpret drawings, circuit diagrams and electrical code specifications to determine wiring layouts;
- Splice, join and connect wire to fixtures and components to form circuits; pull wires through conduits;
- Assemble, install, test and maintain electrical wiring, equipment, appliances, and fixtures'

- Inspect electrical systems, equipment, and components to identify hazards, defects and need for repair, and to ensure code compliance;
- Diagnose malfunctioning systems with the use of test equipment and reasoning;
- Connect power to AV equipment, signaling devices, circuit breakers, transformers and other devices;
- Perform necessary repairs in connection with general building maintenance including minor plumbing;
- Operate a computerized Building Automations System (BAS) to manage/control building systems;
- Perform chemical and temperature testing and maintain accurate records;
- Operate all mechanical, electrical and building equipment including: daily monitoring of the BAS, lighting control systems, maintenance systems, major equipment such as centrifugal chillers, cooling towers, boilers, pumps, fans, geothermal system, solar PV system, etc.;
- Test and maintain all building fire and life safety systems as required by the fire code, fire plan and maintenance schedules;
- Promptly respond to building emergencies and performs preventative measures to maintain tenant comfort and mitigate building and tenant damages, which includes primary response to fire alarms as outlined in the SP Fire Plan;
- Maintain a preventative maintenance program and records;
- Operate swimming pool filtration and disinfections systems;
- Routine maintenance work which may require the use of ladders, lifts and scaffolding;
- Assist with conducting facility inspections and inventories;
- Assist tradesmen and maintenance workers as required;
- Ensure compliance with health and safety legislation, fire code, TSSA, and other mechanical and other operations legislation and standards and other duties as required.

The successful candidate will possess the following qualifications:

- Completion of a secondary school diploma;
- Possess 309A journeyman certification;
- Minimum three (3) years of experience successfully maintaining and operating a large computerized commercial building;
- Current Standard First Aid certification;
- Current Certified Pool Operator certification is considered an asset;
- Completion of a college diploma, operating engineer certificate valid in the province of Ontario or qualification in a building trade are considered assets;
- Mechanical Engineering degree is considered an asset;
- Electrical Engineering degree is considered an asset;
- Building Environmental Systems Certificates (BES Class 2 and 1) is considered an asset;
- BOMI Systems Maintenance Technician (SMT) designation is considered an asset;
- Experience in air distribution systems related to modern air conditioning systems;
- Experience in the maintenance of pumps and large air handling equipment;
- Experience in the operation and maintenance of fire safety equipment including sprinkler systems and other automatic fire suppression systems;
- Experience in troubleshooting electrical faults with a thorough knowledge of operating generator and UPS power systems;
- Experience with facility maintenance specific to an athletic complex considered an asset;
- Proficient in using MS Office (Microsoft Excel, Word, PowerPoint and Outlook);
- Thorough knowledge of the operation of heating boilers and chemical treatment of chilled and hot water systems;
- Knowledge of automatic heating and cooling controls including pneumatic systems;

- Ability to read and interpret sketches, maps, drawings and blueprints;
- AutoCad proficiency is an asset;
- Ability to read and perform tasks outlined in technical manuals and publications;
- Solid interpersonal skills with the ability to deal courteously with the public;
- Strong communication skills (both written and verbal); and
- Knowledge of the Ontario *Occupational Health and Safety Act*, *Ontario Fire Code*, *TSSA*, *Health Promotion Act for Swimming Pools and Spas* and all applicable regulations.

Hours of Work:

- Must be able to work days, evenings and weekends (7am-7pm and 7pm-7am); and
- Able to work additional hours when necessary.

HOW TO APPLY

Please submit your cover letter, resume and salary expectations to the attention of: Human Resources Manager.

E-mail: employee@tpasc.ca

TPASC is committed to creating an accessible organization and facility by removing barriers for individuals with disabilities. If you have any accessibility requirements or questions, whether as an employment candidate, volunteer, user of the facility or business partner, please contact us at info@tpasc.ca.