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Controls Technician

Ottawa, ON

To whom it may concern,

I am submitting my resume for your review and consideration for the position of Controls Technician.

My past experience has been rewarding and allowed me to build upon my knowledge and experience base. At this time, I wish to locate a more challenging position that will take full advantage of my education, skill level and experience.

I have 25 years of experience in building systems technology and client services accompanied by extensive education in the field. I am a dynamic and motivated self-starter who works well both independently and in a team environment.

I look forward to challenging and complex tasks. I have the ability to multi-task with ease and prioritize with great efficiency. In my past positions, I have demonstrated strong client relations along with the capability to problem solve and implement solutions to completion.

My work experience in the National Capital Region included two facilities of national importance. Both CSIS and RCMP Headquarters required top secret security clearances and both have large data centres. Some tasks Included: operating, maintaining, and repairing mechanical and electrical systems and equipment such as Cleaver Brooks fire tube steam boilers, Volcano water boilers, Trane 750 ton chillers, York 500 ton chillers, HVAC equipment such as dry-coolers, split dx systems, Caterpillar generators, UPS systems, battery rooms, alternative power generators, and Liebert & Ecosaire computer room air conditioning units.

In addition to the above mentioned I am fully bilingual and have Level C in second language proficiency federal government exams. I am security cleared and have a valid driver's license and vehicle ownership. I can operate all building systems without direct supervision. Shift work and on call duties are also responsibilities which I am well experienced with and willing to accept.

Ideally, I am seeking the advertised position as Controls Technician and would like the opportunity to speak further with you regarding this interesting employment posting.

Sincerely,

Josef Belafi

PROFESSIONAL EXPERIENCE

CBRE

AUGUST 2014 – PRESENT (BUILDING OPERATOR)

MINISTRY OF ONTARIO

MAY 2014 – AUGUST 2014 (MAINTENANCE MECHANIC 2)

SYMPHONY SENIOR LIVING MEMORY CARE

JANUARY 2014 – APRIL 2014 (MAINTENANCE COORDINATOR)

Epic Realty Partners Ottawa

FEBRUARY 2013 – SEPTEMBER 2013 (SENIOR BUILDING OPERATOR)

Angus Consulting Management Limited (ACML)

APRIL 2012 - DECEMBER 2012 (SENIOR BUILDING SYSTEMS OPERATOR)

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Duties And Responsibilities:

Operated, maintained and repaired mechanical and electrical systems and equipment to include such items as boilers, chillers, HVAC equipment, generators and UPS systems.
Performed scheduled, unscheduled and tenant maintenance work orders as generated by the computerized maintenance program.
Ensured all heating and cooling systems are being operated at maximum energy efficiency.
Investigated and rectified any problems that may have occurred.
Troubleshooted and made necessary repairs to plant and building equipment.
Conducted daily building and computer support equipment checks and made minor adjustments and repairs.
Reviewed all operating logs and ensured appropriate action is initiated to effect repairs.
Maintained and updated the computerized preventative maintenance program for scheduled and unscheduled maintenance work orders.
Assisted outside contractors in understanding the functionality of the building systems and their locations within the facility.
Responded to emergency situations such as life safety (fire alarms), equipment breakdowns and/or mechanical, electrical and life safety systems failures
Directed the functions of related contracted services ensuring that the service provided was satisfactory and met all requirements, included were mechanical, electrical, life safety, and other related building trades.
Responded to the building occupants requests which may have been caused by changes in the physical environment while assuring their level of comfort, (eg. Temperature, humidity, lighting, etc.)
Performed minor plumbing maintenance and repairs to drains.
Maintained a clean and safe working environment.
24/7 emergency response (On-Call).
Performed other various tasks as assigned.

BROOKFIELD LEPAGE JOHNSON CONTROLS (BLJC)

July 2005-January 2012 (SHIFT OPERATOR/BUILDING TECHNICIAN III)

Responsible for the efficient operation and maintenance of building systems at a critical data center, including efficient and strategic dispersal of work requests and responses to day to day operational activities on a *24hr X 7 day rotation.*
Perform and provide technical direction for the execution of preventative maintenance tasks in highly sensitive environments.
Provide general supervision, responsible for the operation of building systems, including high voltage electrical; i.e. transformer rooms, UPS: i.e. battery rooms, ***uninterrupted power supply*** *systems; i.e. 2 megawatts, emergency generators: i.e. 4-16 cylinder mitsubishi generators (1500 kW each), HVAC; i.e. 2 -* 750 *ton Trane chillers, 1- 550 ton Trane chiller,* 2 - 500 *ton York chillers, Liebert standalone fan coil units in "the shield", 6 cooling towers & 2 dry coolers and fire detection/suppression systems; i.e. Simplexl400 operating system in the EMCC(Energy Management Control Centre) that critically interface the tenant computer and auxiliary support areas of a data center site.*
Maintain heaters, chillers, pumps, fan coil units, UPS, diesel generators in a large facility within three office towers, executive garages, restaurants and a *fitness center*
Respond to physical security issues regarding perimeter barrier arms, gates, lighting and sensor devices affecting the safety and security of the complex. Respond to loading dock and garage door problems as well as elevators malfunctioning.

PUBLIC WORKS & GOVERNMENT SERVICES CANADA (PWGSC)

March 2002 - April 2005 (BUILDING SYSTEMS TECHNICIAN)

Maintaining the buildings infrastructure, including preventative and predictive maintenance for mechanical and electrical systems on a daily basis. RCMP National Headquarters has 5 buildings and one building with a critical data center; i.e. CPIC (Canadian Police Information Center) which I was specifically assigned to. The data center: i.e. 'the bunker has raised flooring, a battery room, UPS, a *turbine generator and 2- 8 cylinder generators. HVAC includes 500 ton chillers, Liebert fan coil units, cooling towers and a dosed cooling loop glycol system. The heating system is from a heating plant which supplied 100 psi of steam.*
Responsible for any building related requests or emergencies, providing resolution via escalation if required for all HVAC, electrical including generators, ups preventative maintenance (load and no load testing) and plumbing related issues. Participating in after *hour response and on call response as required. Ensuring records are kept and work orders dosed in a timely manner. Responding to hot and cold calls arid emergency responses.*
Ensuring the building systems are maintained and in proper working order on a *daily basis. Monitoring of service providers and respond* to *employee concerns.*

CONCORDIA UNIVERSITY

May 1994 - February 2002 (CONTROLS TECHNICIAN)

Responsible for maintenance and operations of 50 buildings on two campuses. Both campuses had central heating plants, cafeterias, kitchens, concert halls, libraries, classrooms and data centers with raised flooring. The data centers had Liebert air conditioning units; i.e. 4 -10 ton units with humidifiers. They were backed up by UPS systems and there were battery rooms. One heating plant had a 750 ton Trane Absorption Chiller, 2 Volcano Boilers supplying high pressure steam (100 psi) to the campus. A single diesel generator on each campus was used to supply emergency power.

Checked electronic and pneumatic controls on refrigeration chillers, hydronic systems, VAV systems and direct expansion (DX) refrigeration systems. Calibrated all types of thermostats, controllers, sensor gauges and transmitters. Serviced air compressors, air dryers and air stations, control valves and modulating motors. Installed, repaired, altered and upgraded building or equipment control systems, sensor and end devices.

Trouble-shooted control systems to identify malfunction and determine appropriate corrective measures.

Reviewed schematic drawings for servicing and troubleshooting problems. Performed diagnostic activities using software such as VCI, Siemens and Metesis. Maintained and repaired building computer systems and PC controllers to conserve energy; self-contained heating/ventilation systems, controls associated with hot water heating, electric heating, ventilation and air conditioning.

Performed preventive maintenance on electrical and air control circuits, inspecting compressors, motors and pumps.

HARTMANN MECHANICAL

1992-1994 (MECHANICAL SYSTEMS HELPER)

Kept designated equipment and machinery in working order by performing such tasks as tighten fittings, repacking bearings, replacing packing glands, gaskets, recorders and gauges, and cleaning and replacing safety valves using hand tools and power tools.

Installed pipe on dosed loop heating systems, compressed air systems, and domestic hot and cold water systems.

Worked with minimum supervision.

EDUCATION:

DEC (Diplome D'Etudes Collegiale)

• Electro-technology, Specialization Industrial Instrumentation Automation & Controls

Vanier College, Montreal, Quebec (1992)

TRAINING:

Training on boilers systems in a 1st class power plant. Continuous supervision of facility.
Heating Plant with numerous boilers supplying high pressure steam (100 psi) & Chillers supplying chilled water at 8 degrees Celsius 24/7.
Supervision of superheated hot water boilers.
Supervision of sports complex ice rink equipment such as low pressure boilers & ammonia gas compressors for circulation of brine to the ice rink.
Calibration and testing of air handlers and fume hoods in hi-rise & complex building campuses.

COMPETENCIES & SKILLS:

Occupational Health & Safety Act Fire Codes &
Regulation Accident Prevention & Safe Practices
Bio/Chemical Hazard & Hazardous Materials
First Aid/CPR

Troubleshoot and repair mechanical and electrical systems
Read blueprints (mechanical, electrical, architectural)
Environmental legislation and protocols
On-call and emergency response
Exercise physical effort in lifting heavy equipment and tools & perform maintenance routines under a variety of conditions including cramped spaces, heights and awkward positions.

Knowledge of computer and network fundamentals.
Knowledge of Microsoft Office 2010(Word, Excel)