



Research Technician (Cyclotron Engineering Technician), Lawson Imaging - 1 position	Posting #: 50399
Lawson Imaging	Posting Date: March 13, 2023
St. Joseph's Hospital - London, ON	Submission Deadline: April 02, 2023
Temporary Full Time	Jennifer Pasichnyk, Human Resources
Non-Union	

This is a temporary full-time, 37.5 hour per week position, anticipated to extend until May 26, 2028. Potential for renewal is subject to the availability of work and funding.

The Lawson Health Research Institute is one of Canada's largest hospital-based research institutes. As the research institute of St. Joseph's Health Care, London and London Health Sciences Centre, and working in partnership with Western University, Lawson is committed to furthering scientific knowledge to advance health care around the world.

Lawson is seeking a Research Technician (Cyclotron Engineering Technician) for its Cyclotron & Radiochemistry Facility in London, Ontario.

The successful candidate will become a key part of a research/clinical team in a hospital environment. The main duties include (i) basic maintenance and calibration of the cyclotron and other radiochemistry equipment and (ii) back-up support for routine production of radioisotopes.

**Responsibilities:**

- Operate and maintain the cyclotron and other radiochemistry equipment under a quality management system to safely meet production and research needs
- Provide emergency trouble-shooting and repairs of cyclotron and radiochemistry equipment
- Assist the Engineer in the preventive maintenance and calibration of critical facility equipment
- Participate in the routine production, packaging and shipping of radioisotopes as a back-up to our team of radiochemistry technicians
- Provide periodic backup coverage to the Production Manager for customer order taking, production planning and courier logistics
- Ensure compliance with all regulatory commitments including GMP, radiation safety, corporate policies and procedures
- Apply CNSC rules, regulations and procedures to ensure that professional and safe working practices are followed at all times

Primary working hours will be 8 a.m. to 4 p.m. with expectation to periodically work 11:00 p.m. to 7:00 a.m. for training and backup coverage. It should be understood that the hours of work will reflect production requirements for radioisotopes and are subject to change.

**Essential Qualifications**

- Technician or Technologist Diploma in Electrical, Mechanical or Electromechanical Engineering (or suitable equivalent)
- Candidate must consent to gaining a sound understanding of radiological safety procedures and working as a Nuclear Energy Worker in a safe, but radioactive environment

**Preferred Qualifications**

- 3+ years' experience with equipment operation and hands-on repair and maintenance or equipment in a production

environment

- Strong, analytical trouble-shooting skills and a “hands-on” approach to problem solving
- Ability to work independently with minimal supervision
- Working knowledge of CNSC regulations and Health Canada GMP would be an asset
- Experience with Vacuum Systems, Pneumatics, RF, High Voltage/Current Supplies, Analogue/Digital Circuits and Controls Systems would be an advantage
- Proficiency in French would be an asset

#### Teaching and Research

- St. Joseph's Health Care London through its affiliation with Western University and Fanshawe College is a leading research and teaching hospital. As an employee of St. Joseph's you will be expected to engage in role related teaching and research activities in addition to any of your clinical duties.

#### Immunization Requirements

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- Provide documentation you have received two doses of the Covid-19 vaccine and a written commitment to follow any future Public Health recommendations and St. Joseph's Health Care London policies and processes related to Covid management in the workplace.
- Provide vaccination records or proof of immunity against measles, mumps, rubella and varicella (chicken pox)
- Provide documentation of the Tuberculosis skin testing

*Your interest in this opportunity is appreciated. Only those under consideration will be contacted.*