



Centre for Probe Development and Commercialization

PET Support Engineer

The PET Support Engineer will be responsible, with supervision, for the overall implementation, maintenance and technical development program for CPDC's PET facilities and to promote the PET business goals. These activities will include but are not limited to:

- Implement and maintain the maintenance program for CPDC equipment, including cyclotrons
- Perform site performance surveillance to analyze trends to maintain reliable production
- Implement and maintain a timely and effective preventative maintenance program to supply documentation to fulfill all Provincial and Federal regulatory requirements and minimize interruption of production
- Provide support to on-site technicians for troubleshooting and repair of all equipment and cyclotron systems
- Be available to diagnose and correct, on an on-call basis, operational problems as required
- Be able to troubleshoot and repair complex electrical issues
- Maintain service tools and parts inventory required by maintenance and calibration programs
- Coordinate and monitor the maintenance/repair of equipment and support systems by outside contractors
- Display effective communications skills by informing supervisor of operational and maintenance problems in a timely fashion
- Evaluate operating and maintenance records on an on-going basis, identifying problem and potential problem areas and provide Manager with recommendations related to improvements to cyclotron, equipment, support systems and facility. Implement modifications to increase cyclotron reliability as approved by Manager
- Demonstrated manual dexterity to lift between 16 to 50 lbs., crawling, stooping, crouching, kneeling and manipulating small items
- Willingness to travel on short notice

The primary work environment is a cyclotron laboratory, which is clean, orderly, properly lighted and ventilated. Exposure to ionizing radiation in a laboratory that is operated under well-controlled and closely monitored conditions highly regulated by provincial, federal and internal quality and regulatory professionals. Each staff member receives specific training in keeping with regulatory guidelines and is monitored for radiation exposure. Noise levels are considered low to moderate.

Qualifications

- A college degree, diploma or equivalent in Electrical Technology, Engineering or other scientific or technical area
- One to three (1-3) years experience in electrical/electronic systems
- Experience in accelerator systems is considered an asset
- Demonstrated experience in troubleshooting and repair of complex technical (electronic, computing and electro-mechanical) systems

This position requires an analytical mind able to deal with stress under a 24-hour production environment. Applicants must be willing to work evenings & weekends in a fast pace and rapidly changing environment with a willingness to learn new skills as the need arises. Attention to detail and a high level of professionalism are characteristics that will be sought after in a successful candidate.

Please submit a cover letter and resume or curriculum vitae to:
Mr. Christopher Leon, Executive Director
careers@imagingprobes.ca

We thank all applicants for their interest, but only those selected for interview will be contacted