



## **POSITION SUMMARY**

The QC/Production Cyclotron Technician position operates the cyclotrons and purification units to manufacture and release PET products; calibrates and operates analytical equipment, performs equipment set up and maintenance, oversees quality controls, and maintains inventory of products.

## **LOCATIONS AVAILABLE**

Kansas City Missouri, Philadelphia Pennsylvania and Sarasota Florida

## **ESSENTIAL JOB FUNCTIONS**

1. Successfully complete extensive required training, assignments and hands on practice, to demonstrate and maintain proficiency.
2. Follows Standard Operating Procedures (SOP), practices and policies to assure quality of final products, and compliance with regulations.
3. Understands and adheres to all current Good Manufacturing Practices (cGMP), and Radiation Safety policies to ensure compliance and regulatory mandates are met.
4. Operates the cyclotron and related production equipment.
5. Performs administrative functions, to include the completion of daily delivery records, preparation of reports and maintenance of records.
6. Performs general laboratory and facility clean up.
7. Monitors and interprets production information via computerized systems.
8. Provides support to technology transfer efforts when receiving new technology or processes.
9. Performs quality control tests, prepares solutions, and performs general laboratory and facility maintenance.
10. Maintains raw material records and internal inventory tracking.
11. Assists and executes in the validation of analytical methods.
12. Executes and documents IOPQ protocols, calibrations, and the documentation of procedures.
13. Supports and provides training on job functions and the operations of the cyclotron and purification unit.
14. Communicates and escalates operational or customer issues to management.
15. Performs other duties as required or assigned.

## **EDUCATION/EXPERIENCE**

- Bachelor's degree in a science field such as chemistry, microbiology, medical technology, or related technical experience in a similar setting, such as manufacturing pharmaceuticals
- Prior experience in manufacturing
- Experience in a controlled environment and/or regulated industry, preferred
- PET Manufacturing or Radiopharmacy experience, preferred

## **SPECIFIC KNOWLEDGE/SKILLS/ABILITIES**

- Strong pharmaceutical or radiopharmaceutical production technical knowledge
- Knowledge of cyclotron operations
- High-level of proficiency in general computer skills
- Knowledge of equipment operation and applications
- Excellent organization and time management skills
- Detail-oriented with emphasis on accuracy and quality
- Ability to follow detailed processing instructions
- Ability to manage several tasks at the same time
- Strong ability to use analytical reasoning and solve problems
- Strong oral and written communication
- Strong mechanical aptitude

## **PHYSICAL REQUIREMENTS**

- **Talking** - Expressing or exchanging ideas by means of the spoken word to impart oral information to employees, customers, and others accurately (6-8 hrs daily)
- **Hearing** – perceiving the nature of sound by the ear (6-8 hrs daily)
- **Sitting** – remain in a seated position (2-3 hrs daily)
- **Standing** – remaining on one’s feet in an upright position at a workstation without moving about (5-6 hrs daily)
- **Handling** – seizing, holding, grasping, turning or otherwise working with hand or hands (6-8 hrs daily)
- **Lifting** – raising or lowering an object up to 75 lbs. from one position to another
- **Vision** – Ability to see fine particulate and differentiate colors in liquid solutions.
- **Expose** - Occupational exposure to ionizing radiation kept to a minimum maintained under ALARA.

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