



Provincial Job Description

TITLE: ***PAY BAND:***
(194) Nuclear Medicine Technologist II 17

FOR FACILITY USE:

SUMMARY OF DUTIES:

Prepares radiopharmaceuticals and performs technical procedures utilizing radiation and/or radioactive materials for the diagnosis and tracking of disease and pathology. Coordinates workflow and maintains inventory.

QUALIFICATIONS:

- ◆ Nuclear Medicine Technology diploma
 - ◆ Certified and Registered by Canadian Association of Medical Radiation Technologists
 - ◆ Licensed and Registered with College of Medical Radiation and Imaging Professionals of Saskatchewan

KNOWLEDGE, SKILLS & ABILITIES:

- ◆ Intermediate computer skills
- ◆ Interpersonal skills
- ◆ Organizational skills
- ◆ Communications skills
- ◆ Leadership skills
- ◆ Analytical skills
- ◆ Ability to work independently

EXPERIENCE:

- ◆ **Previous:** Twenty-four (24) months previous experience as a Nuclear Medicine Technologist to consolidate knowledge and skills.

KEY ACTIVITIES:

A. Diagnostic and Therapeutic Procedures

- ◆ Assists/transport, assesses, screens, prepares, instructs and positions patient.
- ◆ Monitors patients during procedures.
- ◆ Starts/administers various media/radiopharmaceuticals/medications.
- ◆ Performs diagnostic and therapeutic procedures (e.g., bone densitometry, iodine therapies).
- ◆ Modifies technical data to ensure complete series of diagnostic tests are obtained for physician to view and interpret.
- ◆ Performs various laboratory procedures (e.g., collecting, pipetting, labeling, separation and tagging).
- ◆ Provides occasional guidance to the primary function of others, including training.
- ◆ Assists physicians during interventional and sterile procedures.
- ◆ Participates in research projects.

B. Quality Assurance/Quality Control

- ◆ Participates and monitors Quality Assurance/Quality Control programs as required by local protocols and government regulations.
- ◆ Follows preventative maintenance programs by maintaining instrument logs.
- ◆ Cleans, maintains, troubleshoots and calibrates diagnostic equipment according to established standards.
- ◆ Records radiopharmaceutical information for the Canadian Nuclear Safety Commission.
- ◆ Follows radiation safety protocols in accordance with the Medical Radiation Health and Safety Act.

C. Administration

- ◆ Provides functional advice/technical expertise and problem solving.
- ◆ Directs workflow on the floor/area.
- ◆ Provides input into the research, development and maintenance of policies and procedures.
- ◆ Maintains and upgrades department computer systems.
- ◆ Assists in ongoing staff development.
- ◆ Maintains inventory and orders supplies.

D. Related Key Work Activities

- ◆ Retrieves, files and distributes requisitions, images and reports.
- ◆ Maintains daily log of patients and examinations.
- ◆ Disposes of records and files.
- ◆ Performs computer work (e.g., data entry, back-up).
- ◆ Responds to telephone calls and inquiries from physicians/patients and other staff members.
- ◆ Prepares and maintains chemical mixtures.
- ◆ Disposes of radioactive and biohazardous waste, as per departmental procedures and policies.
- ◆ Prepares statistical reports.

The above statements reflect the general details considered necessary to describe the principal functions of the job and shall not be construed as a detailed description of all related work assignments that may be inherent to the job.

Validating Signatures:

CUPE:

SEIU:

SGEU:

SAHO:

Date: September 16, 2026